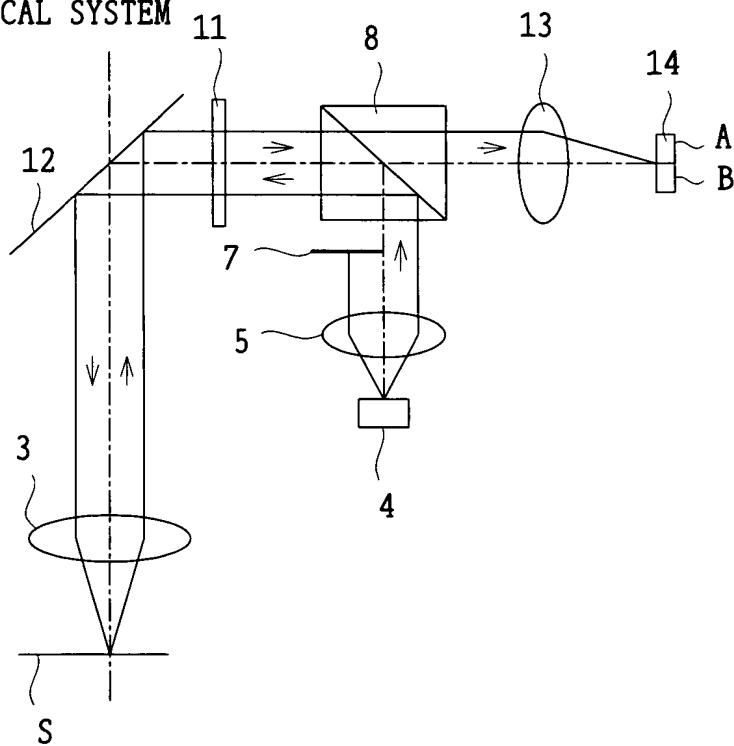




1/49

FIG. 1  
PRIOR ART

OBSERVATION  
OPTICAL SYSTEM





2/49

FIG. 2A  
PRIOR ART

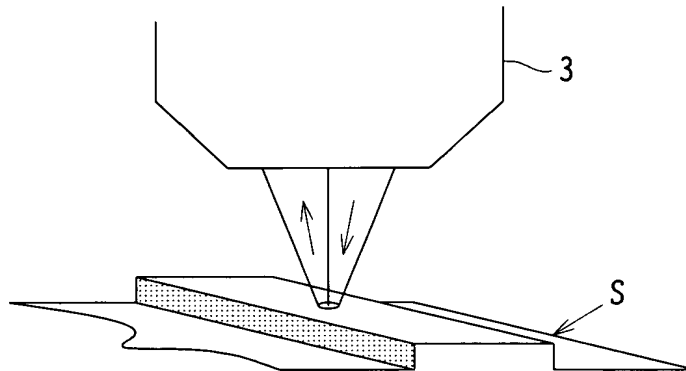


FIG. 2B  
PRIOR ART

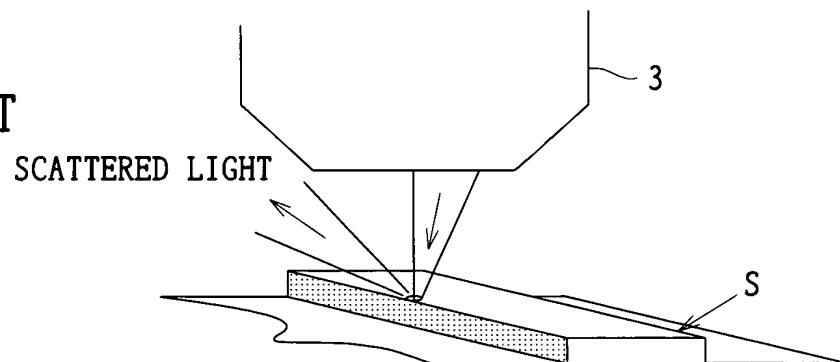
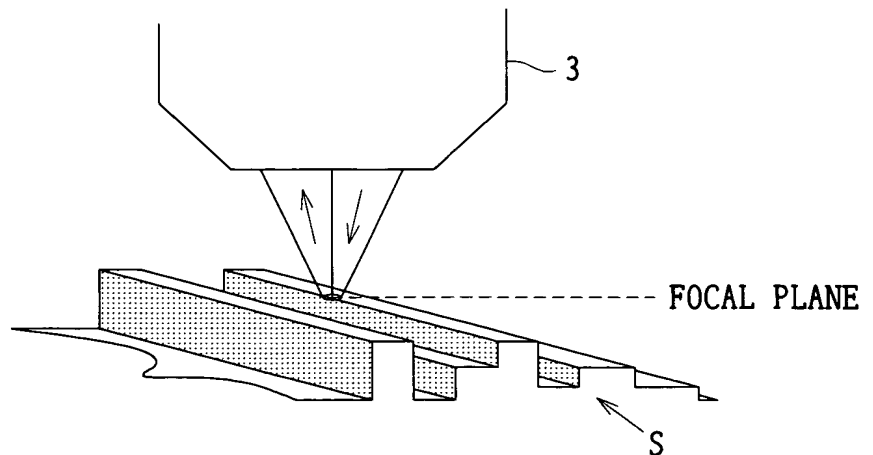


FIG. 2C  
PRIOR ART



3/49

FIG. 3A  
PRIOR ART

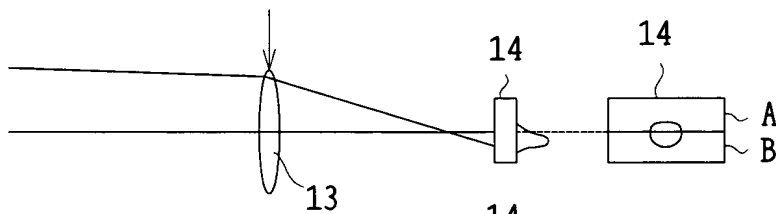


FIG. 3B  
PRIOR ART

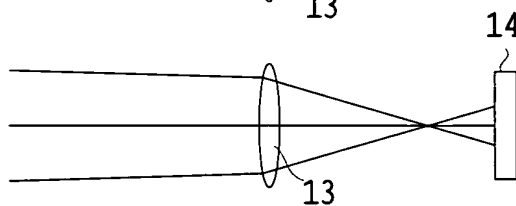


FIG. 4A  
PRIOR ART

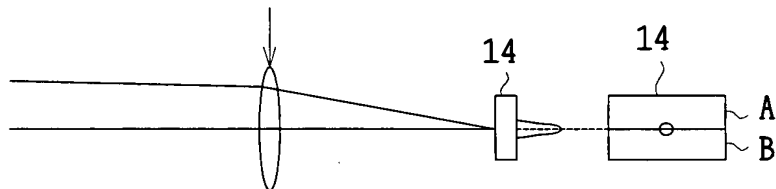


FIG. 4B  
PRIOR ART

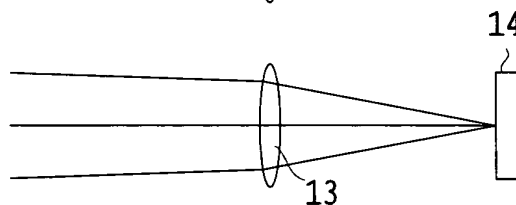


FIG. 5A  
PRIOR ART

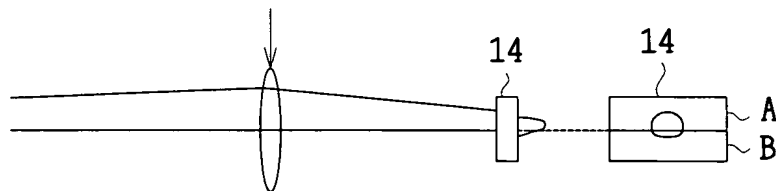
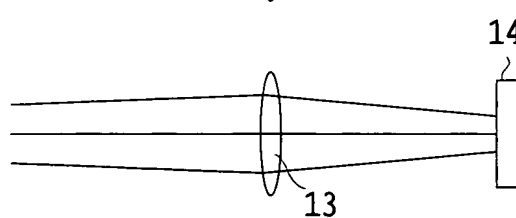


FIG. 5B  
PRIOR ART



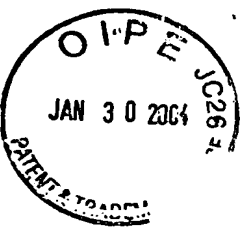


FIG. 6A  
PRIOR ART

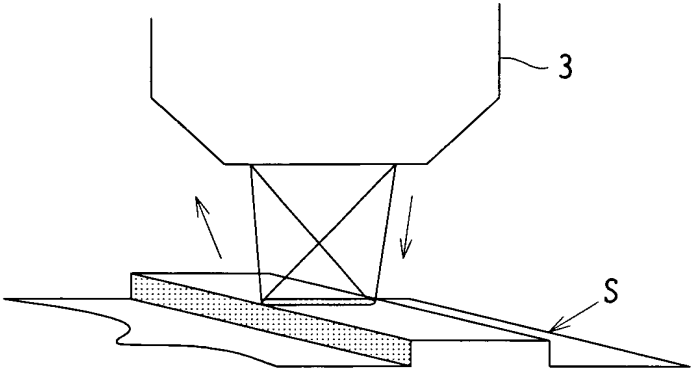


FIG. 6B  
PRIOR ART

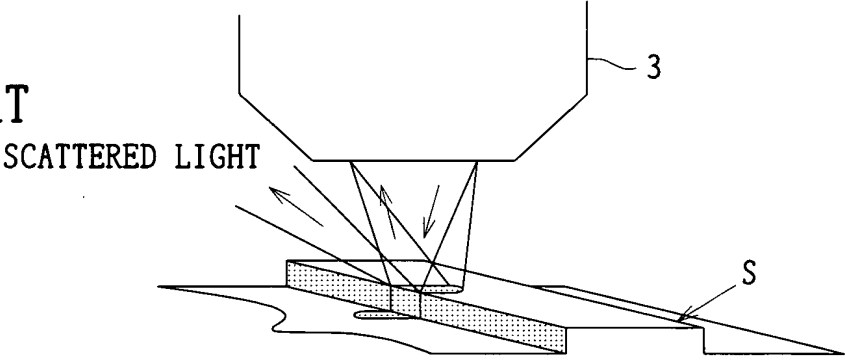
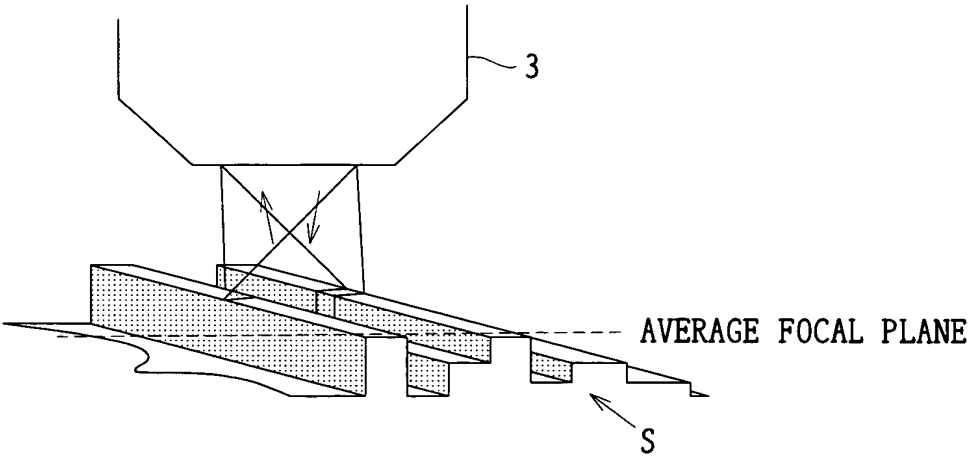


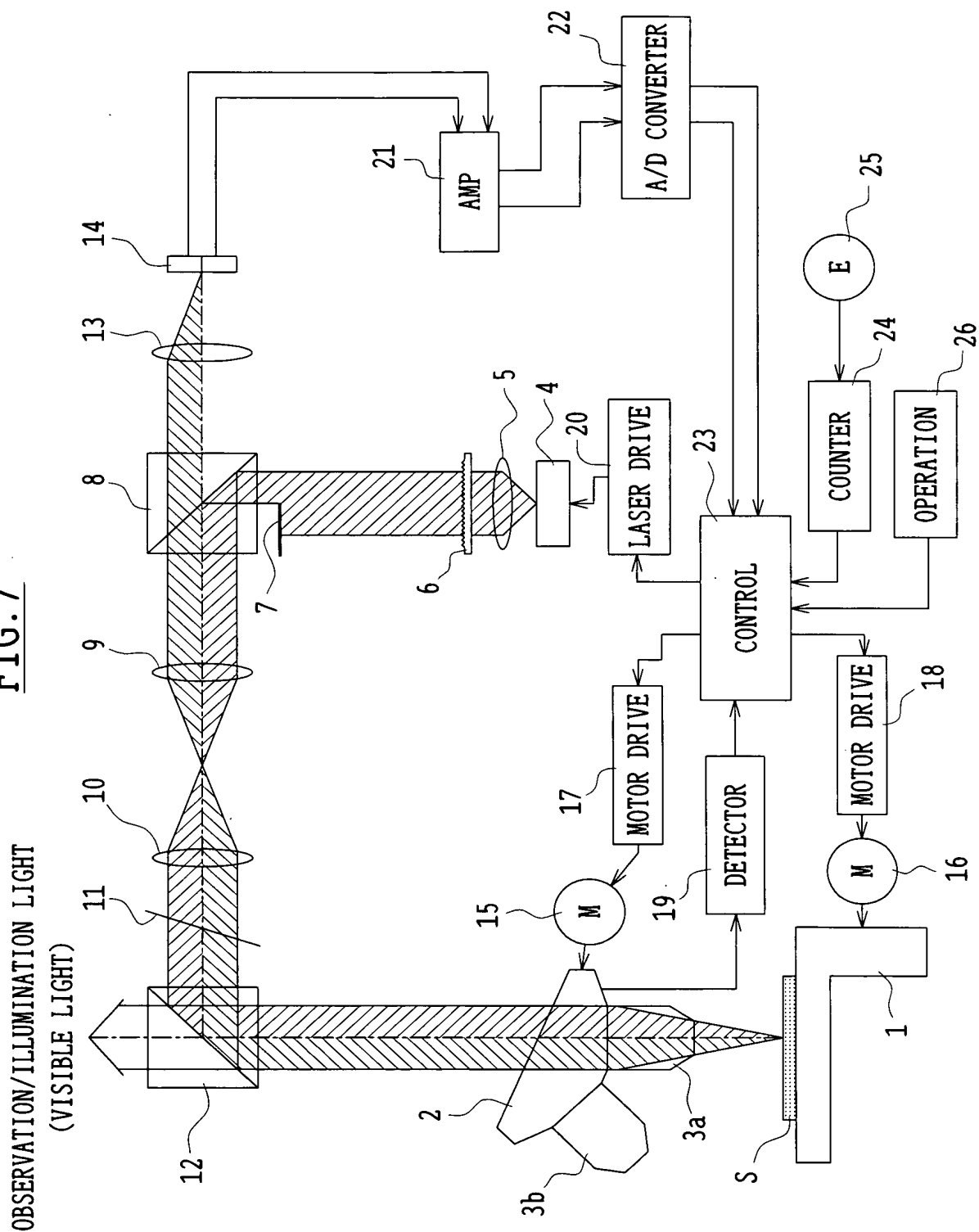
FIG. 6C  
PRIOR ART





5/49

FIG. 7





6/49

FIG. 8

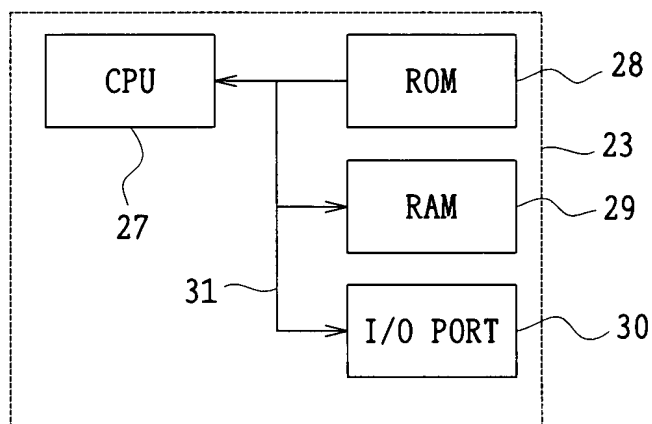
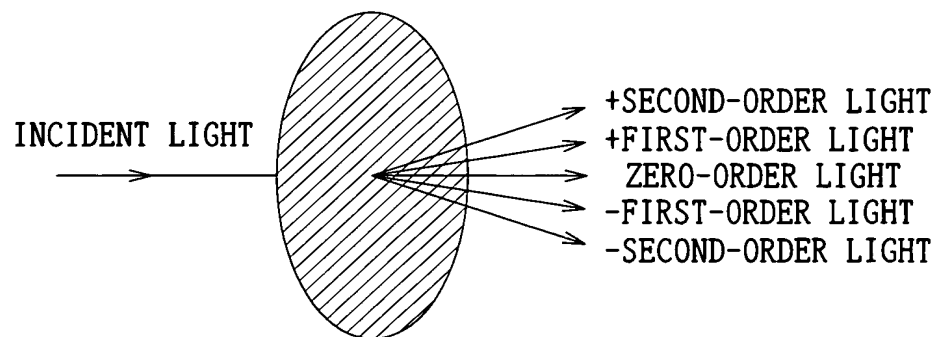


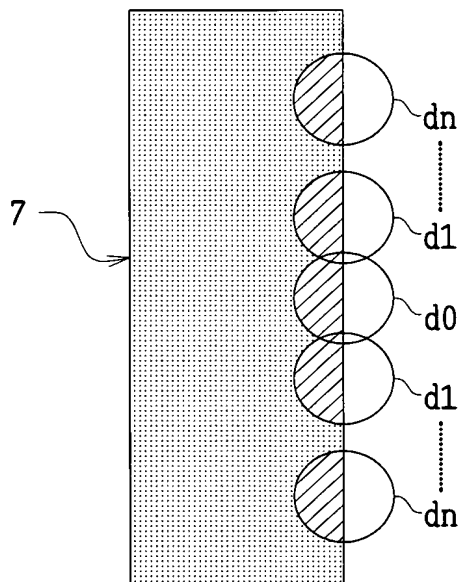
FIG. 9





7/49

FIG. 10





8/49

FIG. 11A

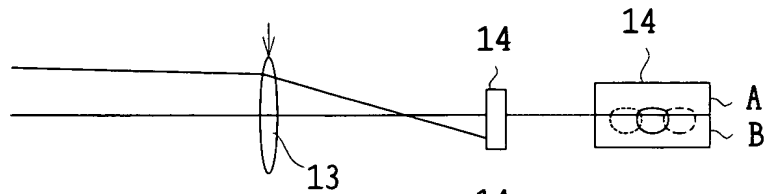


FIG. 11B

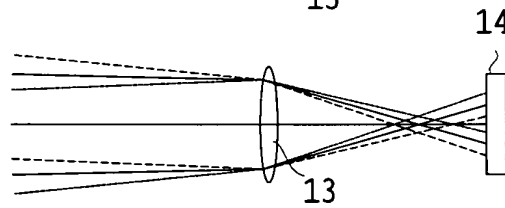


FIG. 12A

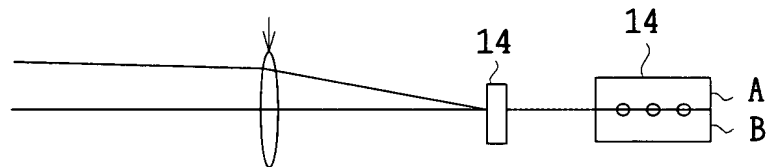


FIG. 12B

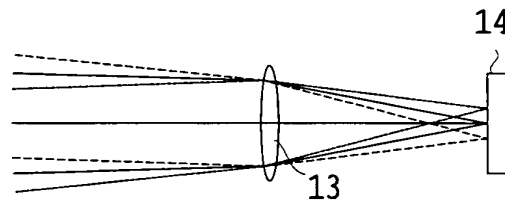


FIG. 13A

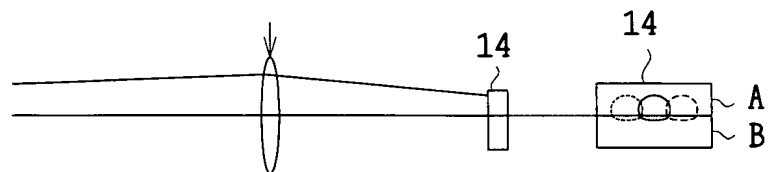
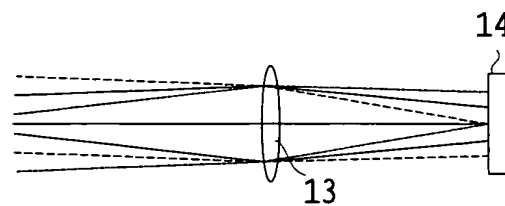


FIG. 13B







9/49

FIG. 14A

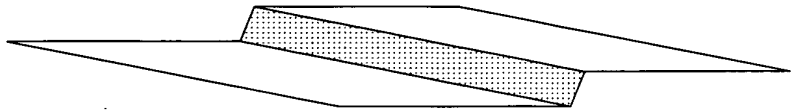


FIG. 14B

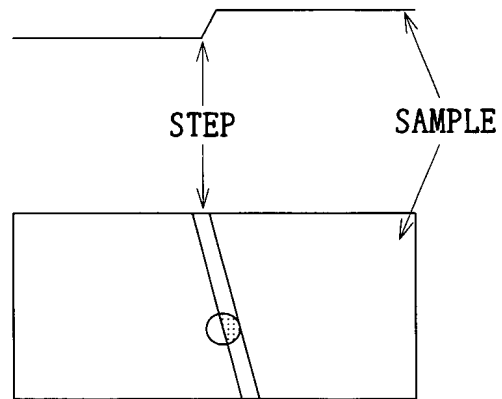
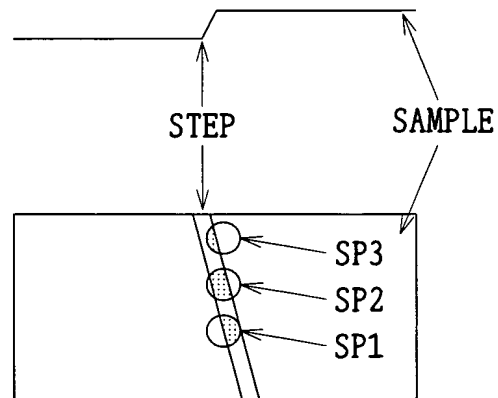


FIG. 14C





10/49

FIG. 15A

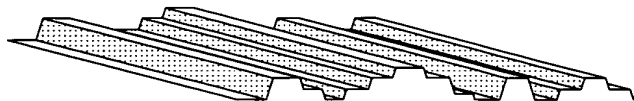


FIG. 15B

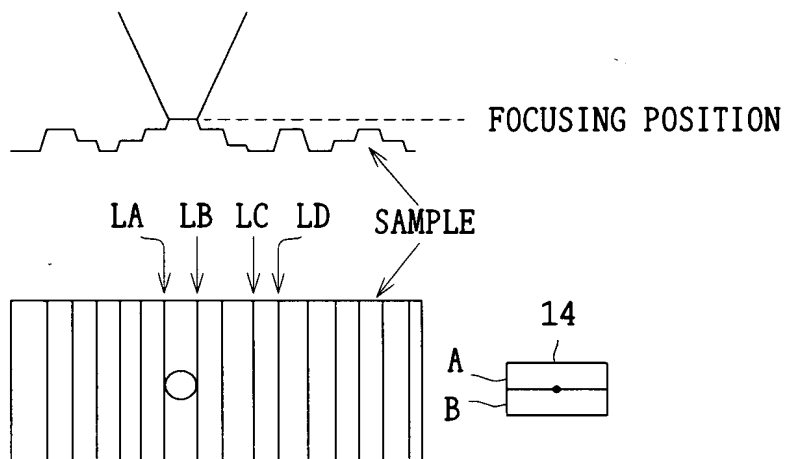
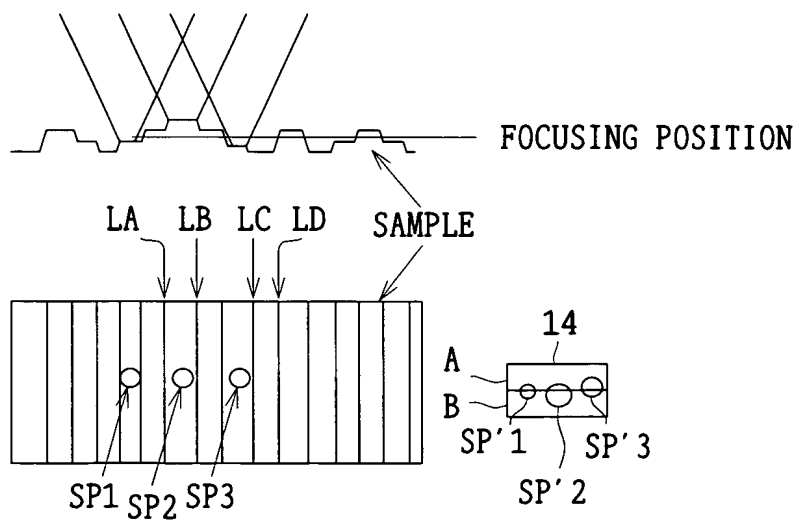
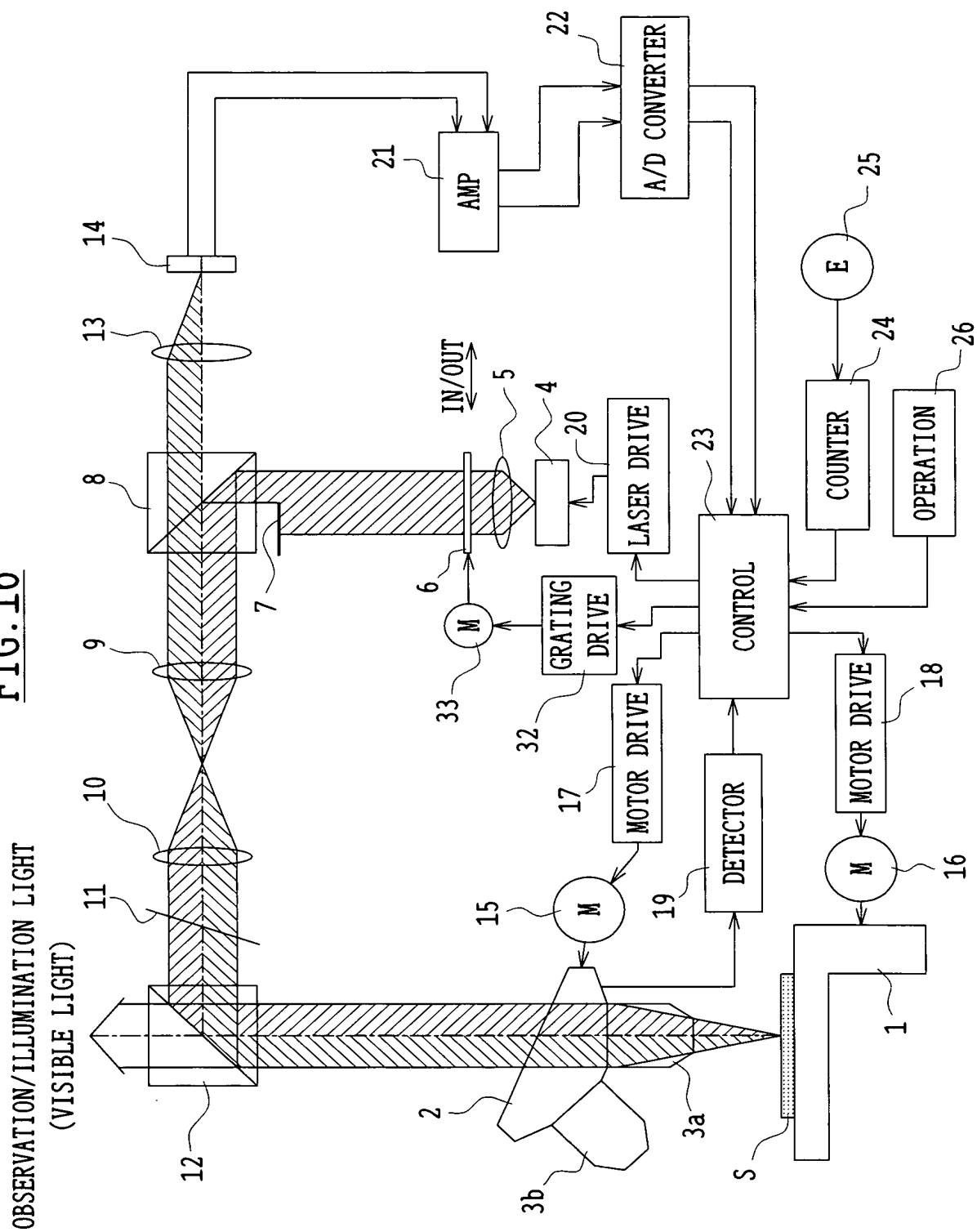


FIG. 15C

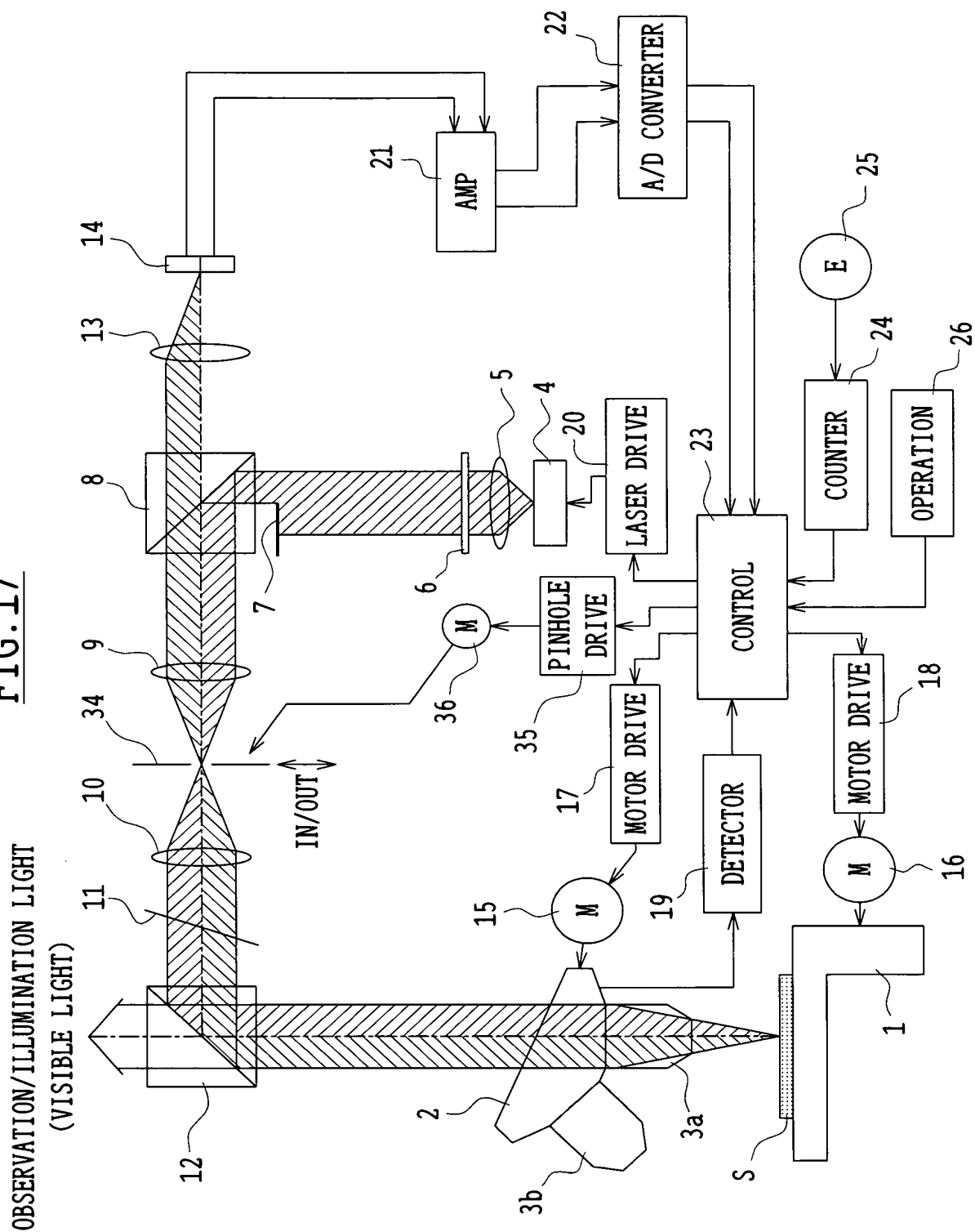






12/49

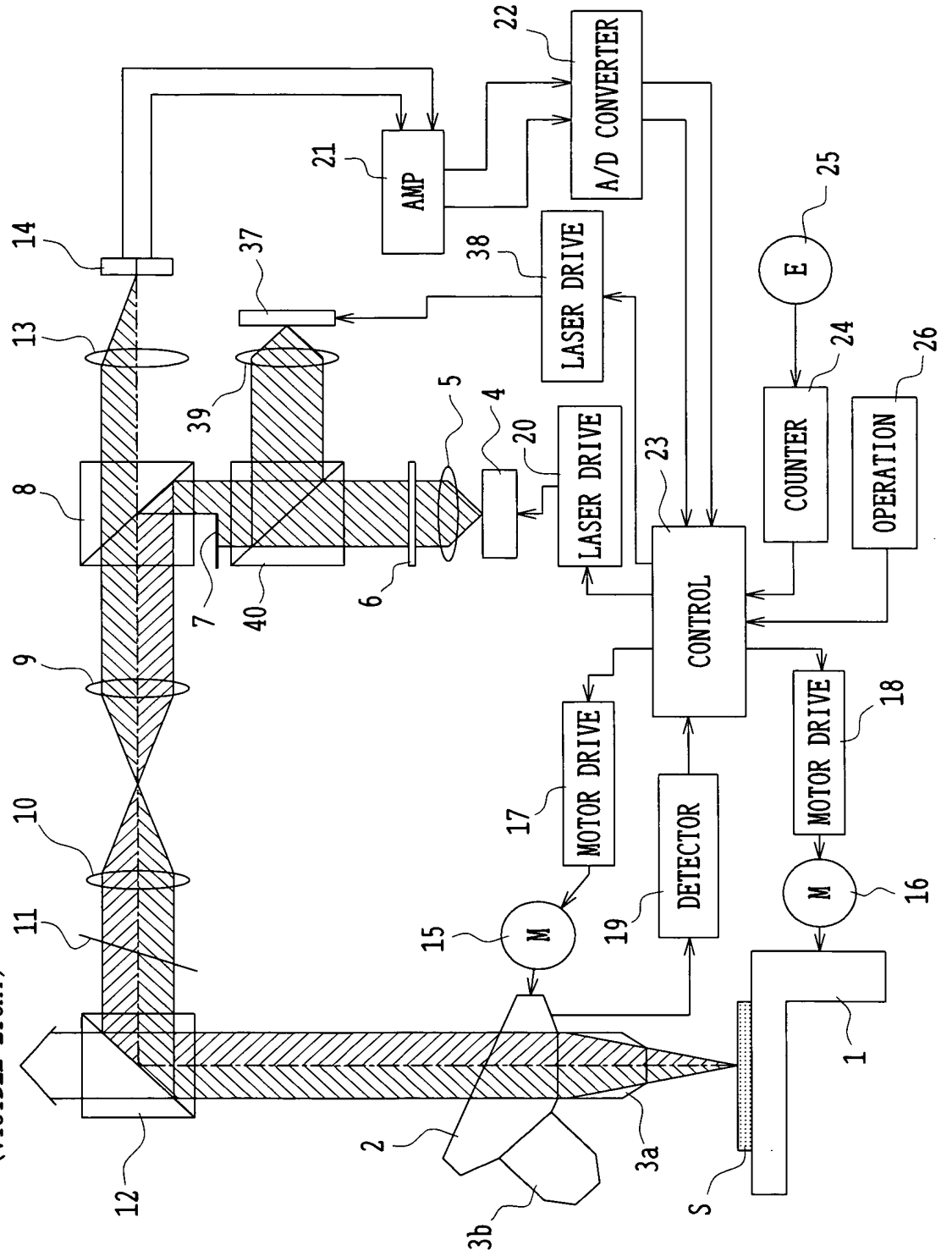
FIG. 17



13/49

FIG. 18

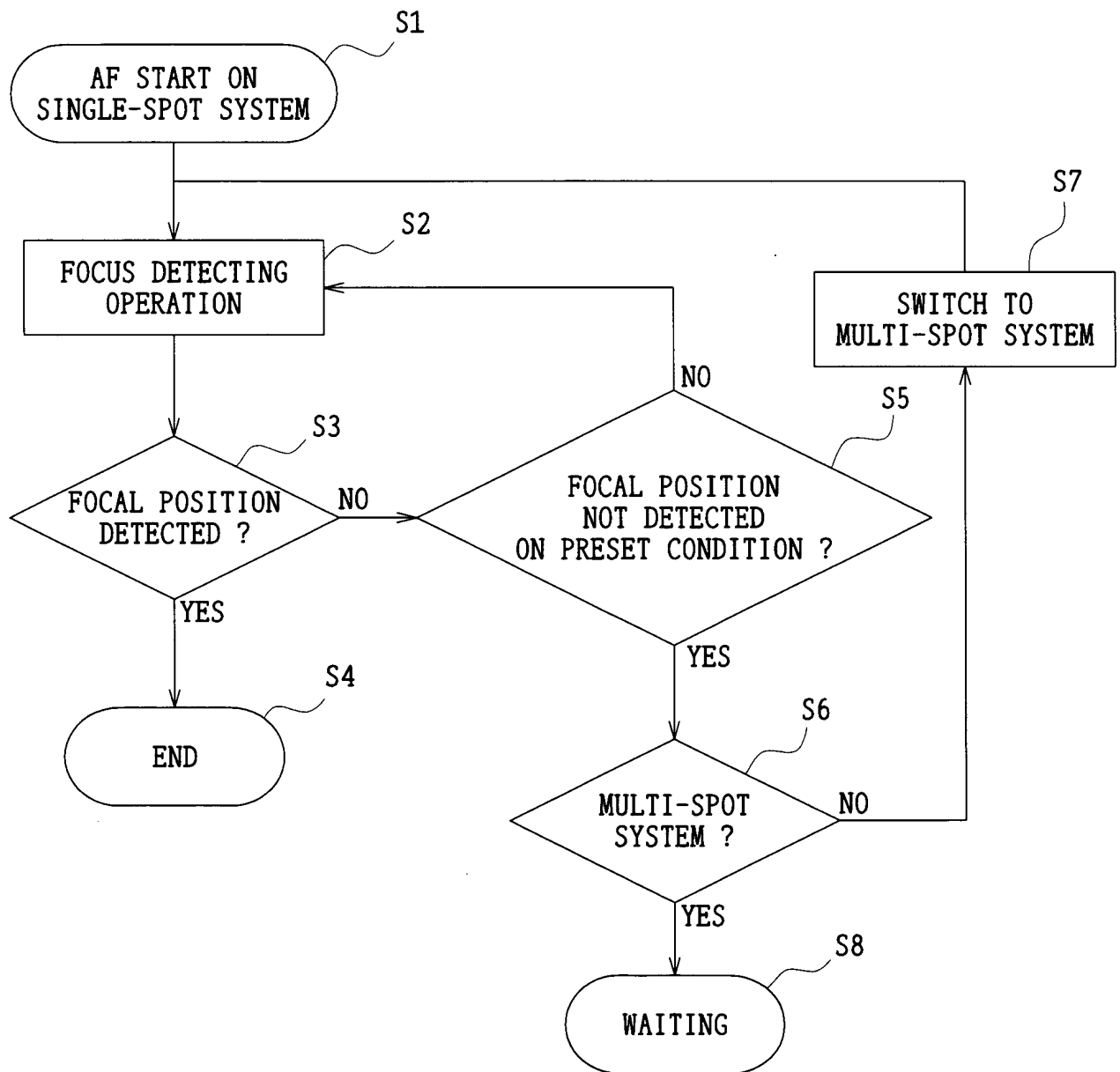
OBSERVATION/ILLUMINATION LIGHT  
 (VISIBLE LIGHT)

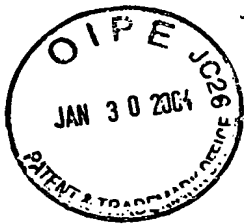




14/49

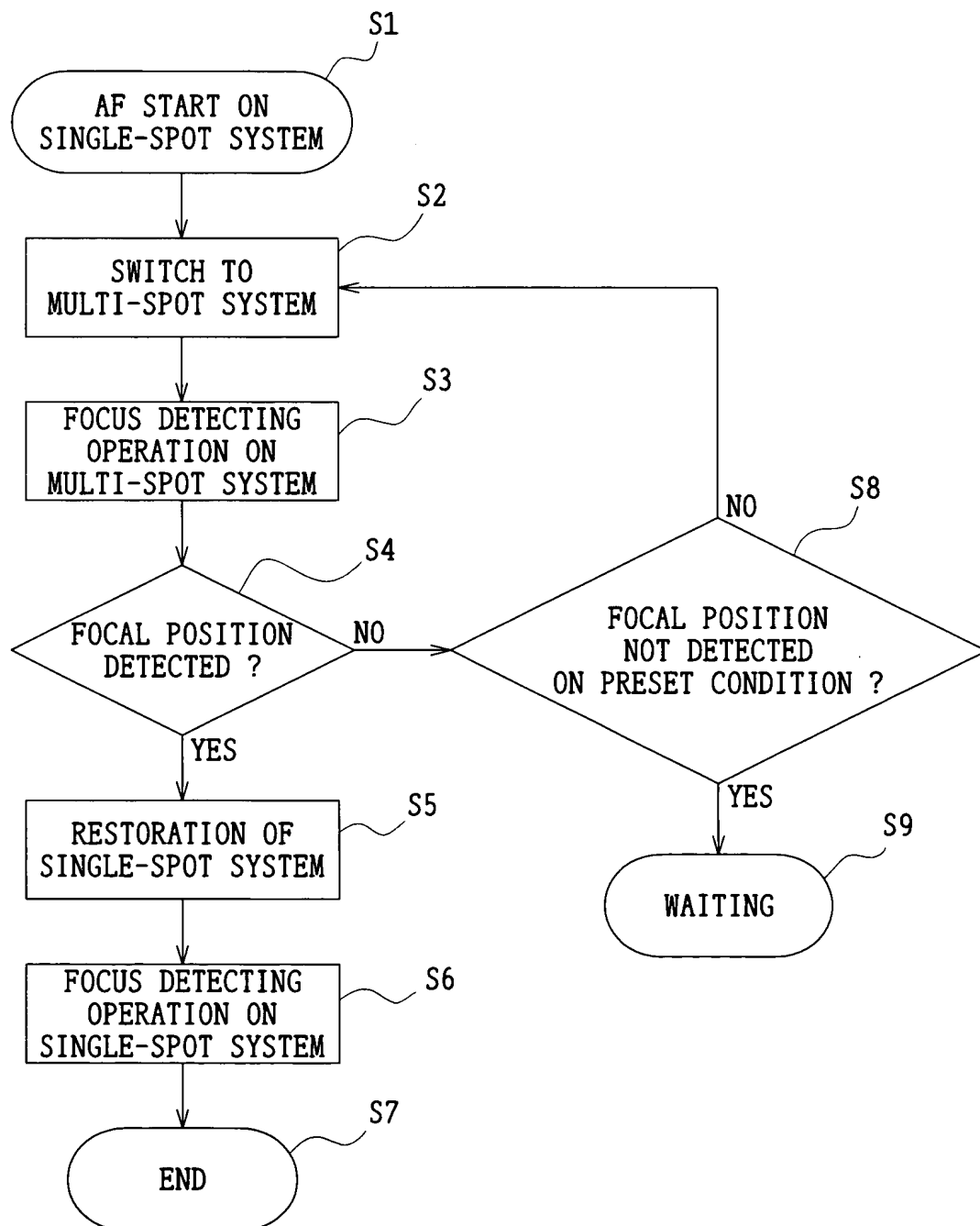
FIG. 19





15/49

FIG. 20





16/49

FIG. 21

OBSERVATION/ILLUMINATION LIGHT  
(VISIBLE LIGHT)

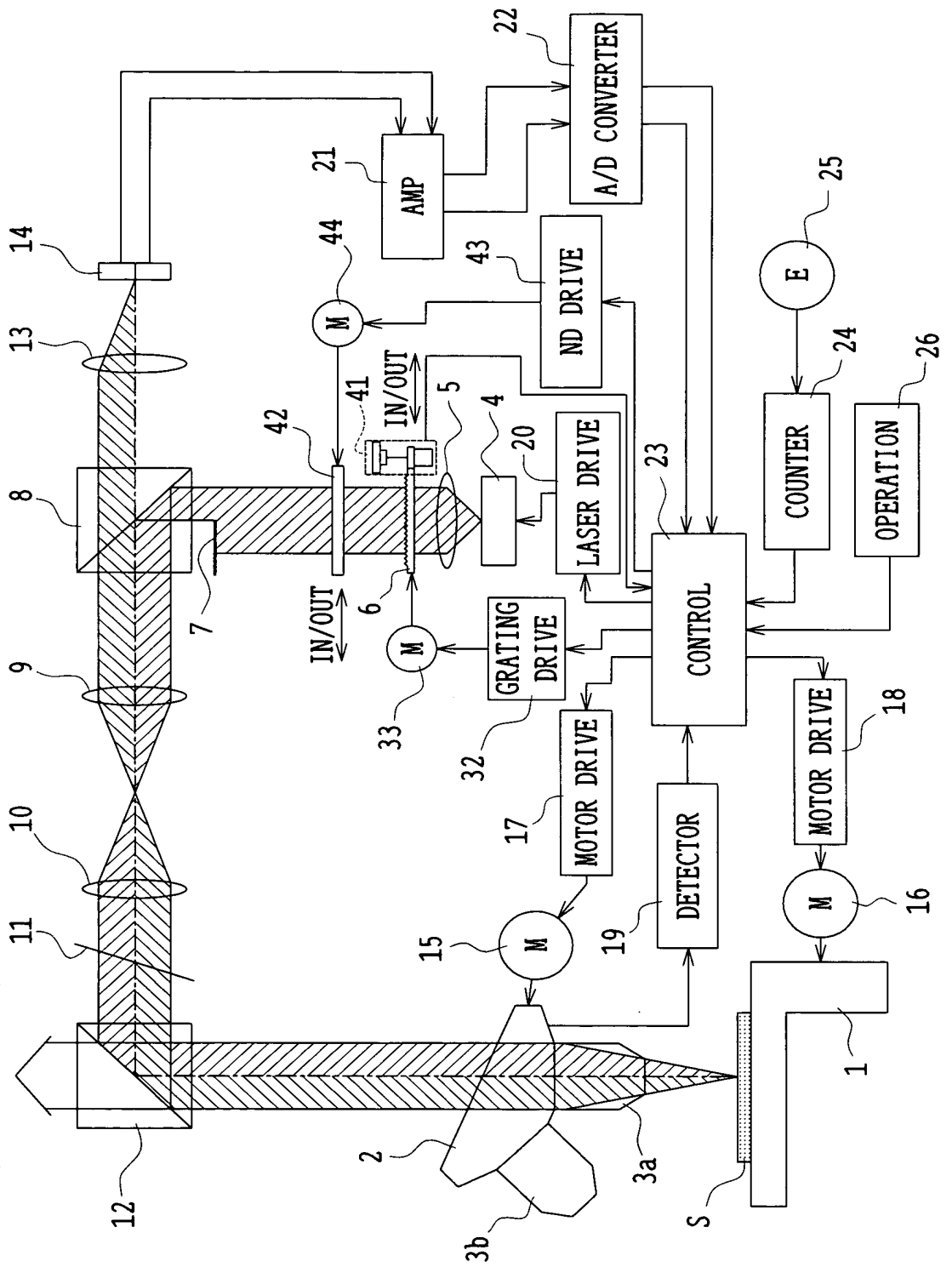






FIG. 22B

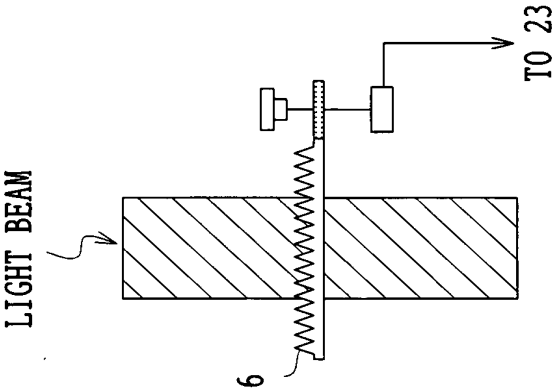
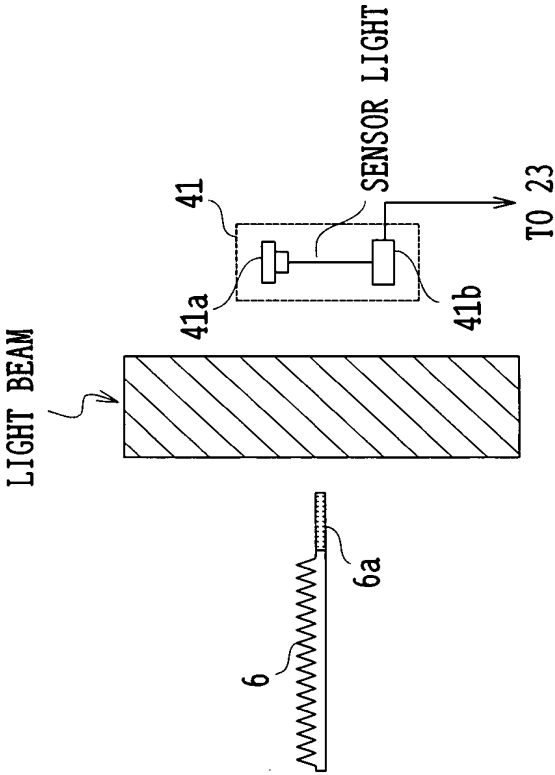


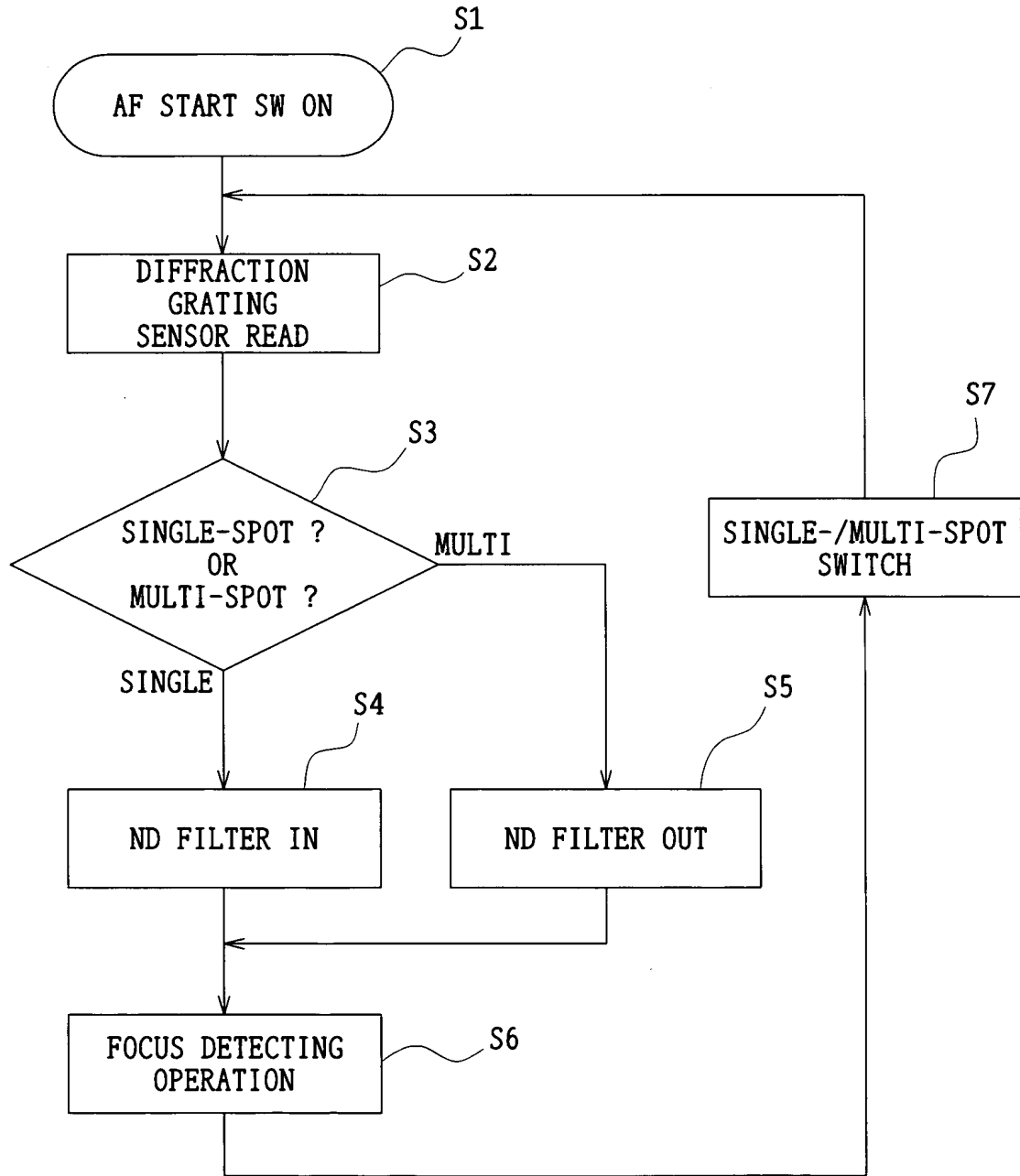
FIG. 22A

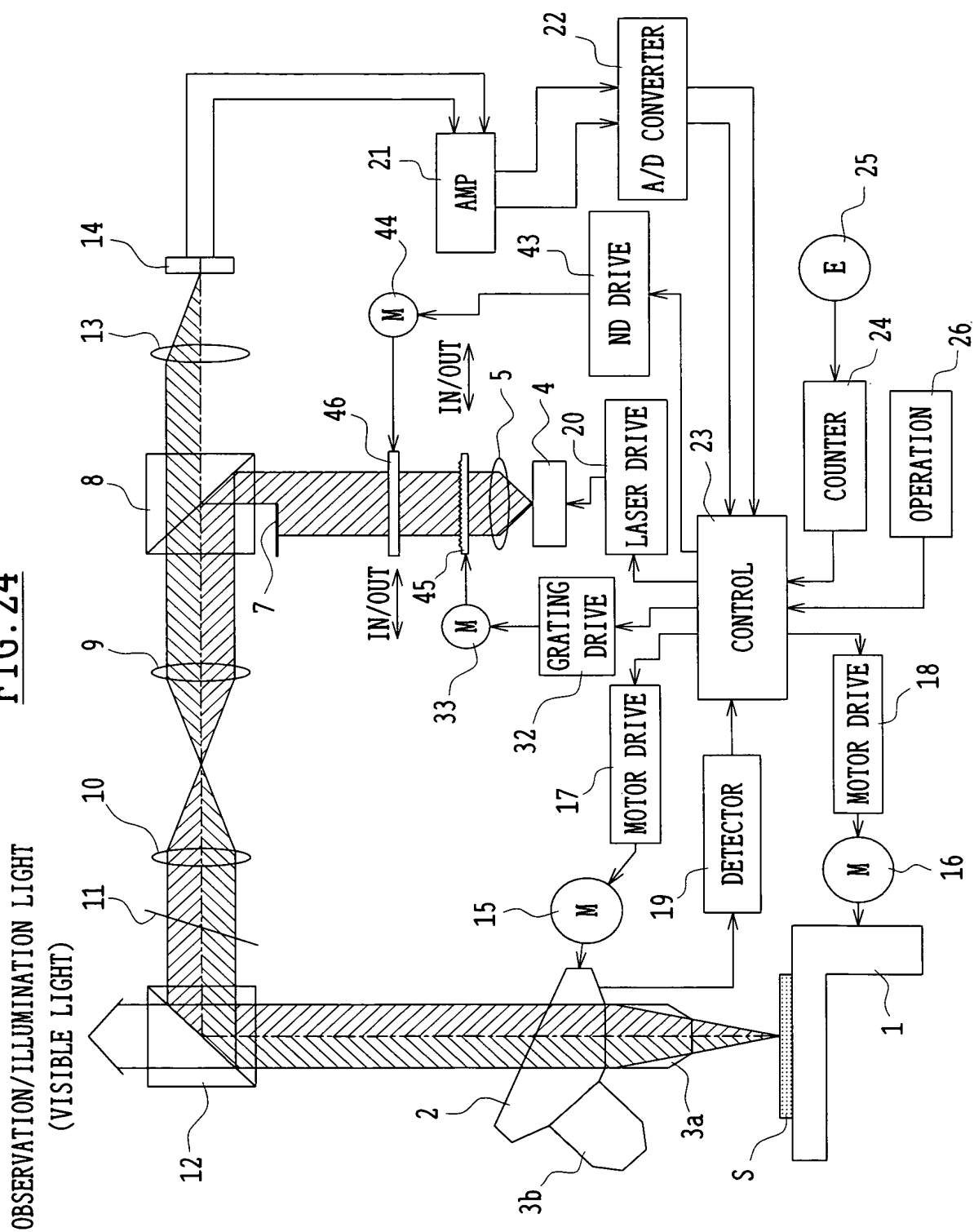




18/49

FIG. 23







20/49

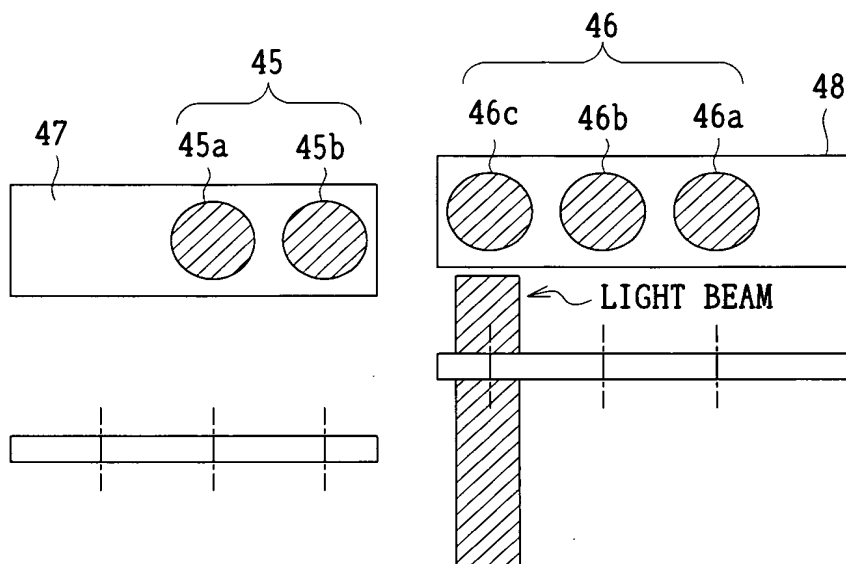


FIG. 25A

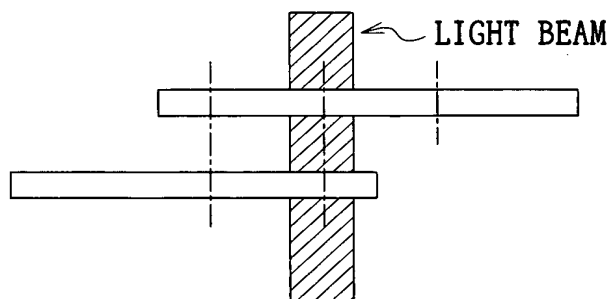


FIG. 25B

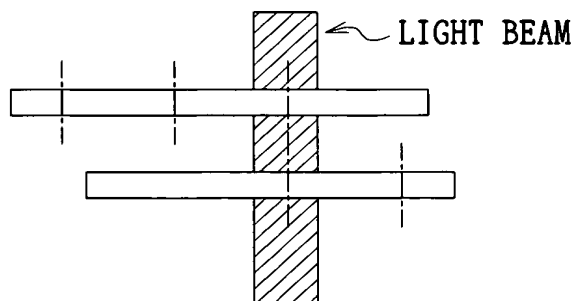
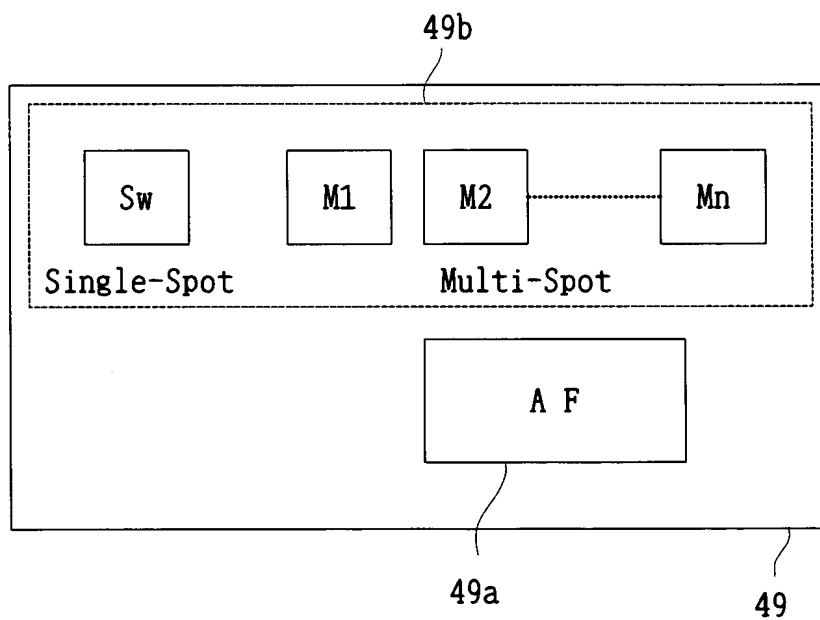


FIG. 25C



21/49

FIG. 26





22/49

FIG. 27

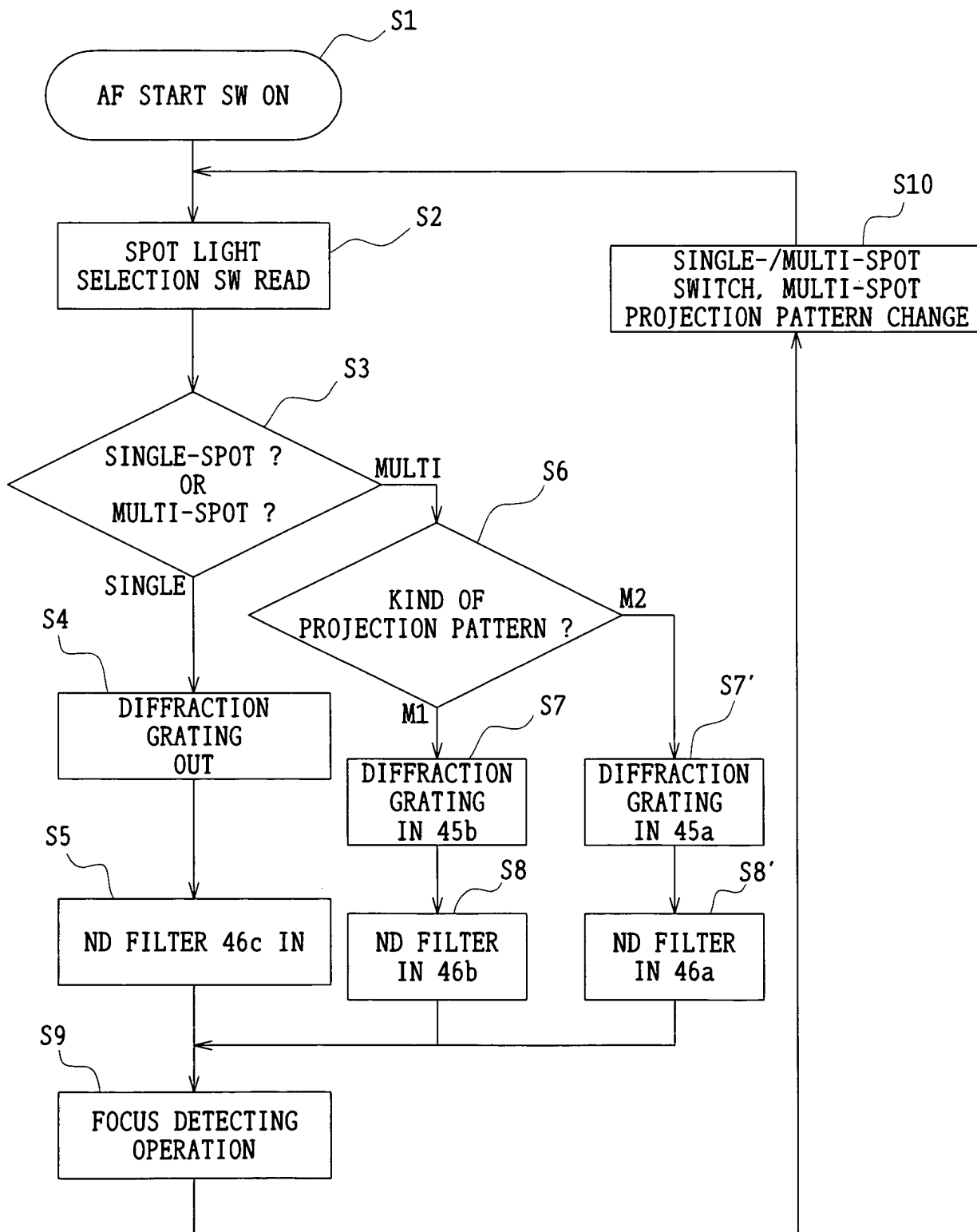
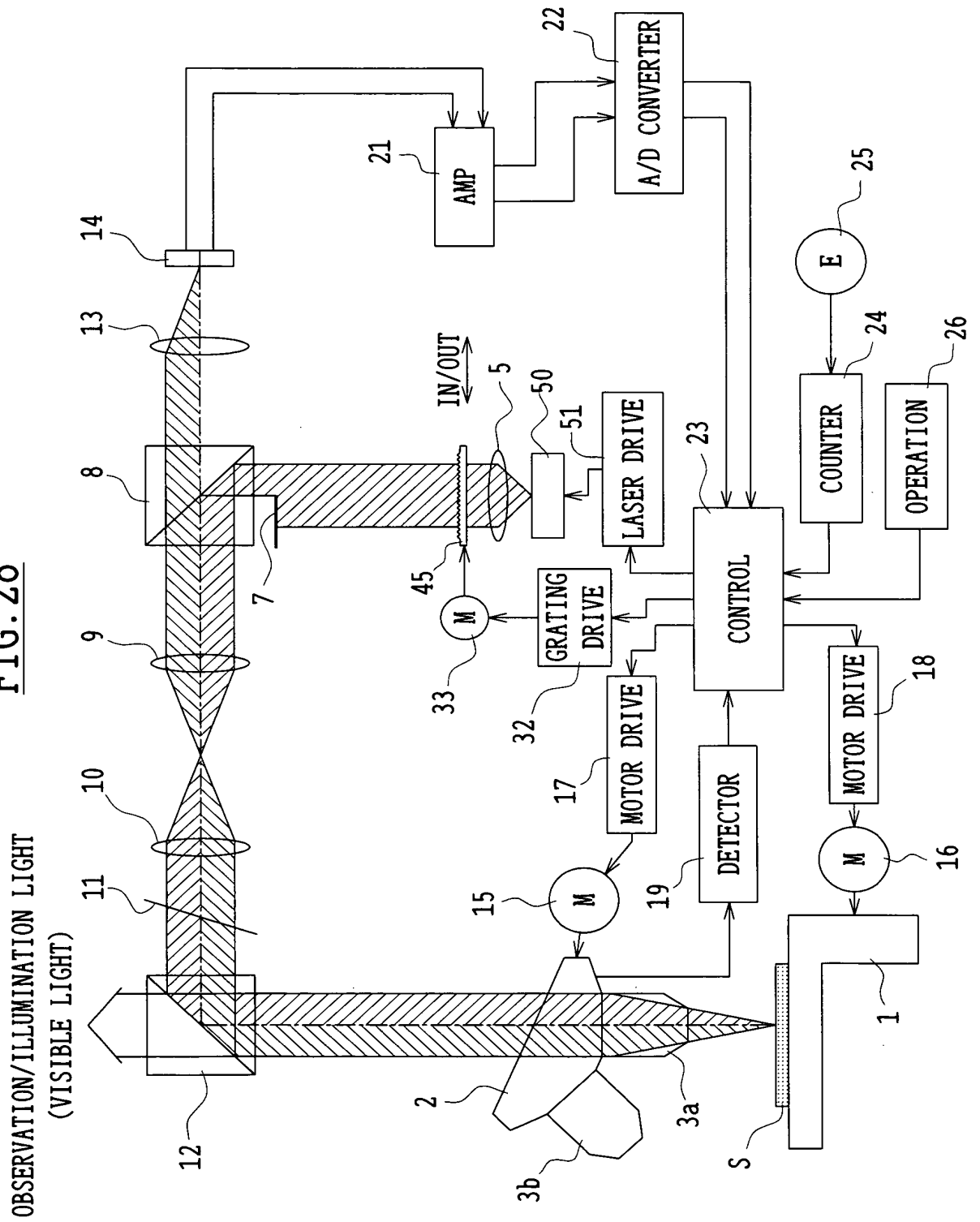




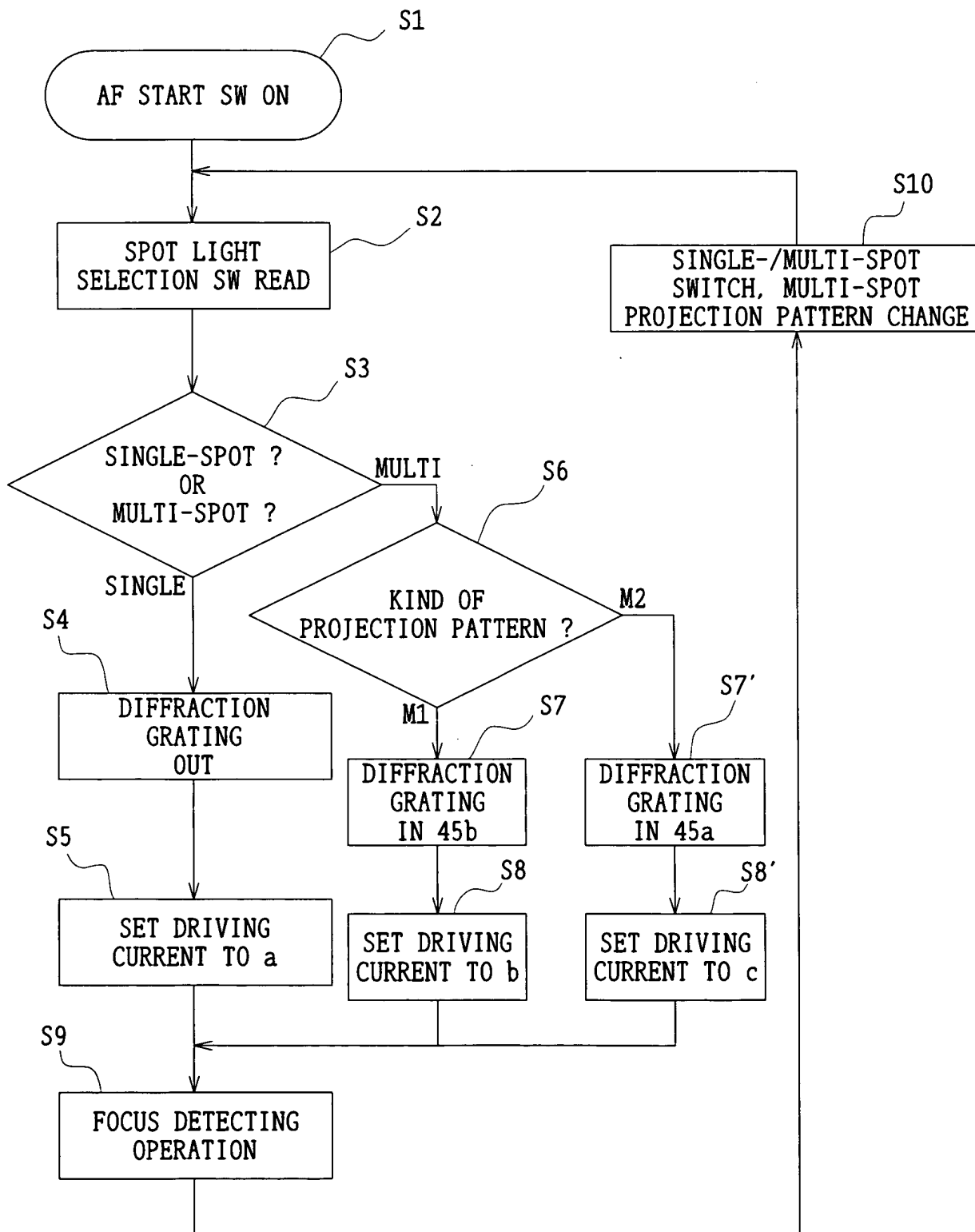
FIG. 28





24/49

FIG. 29



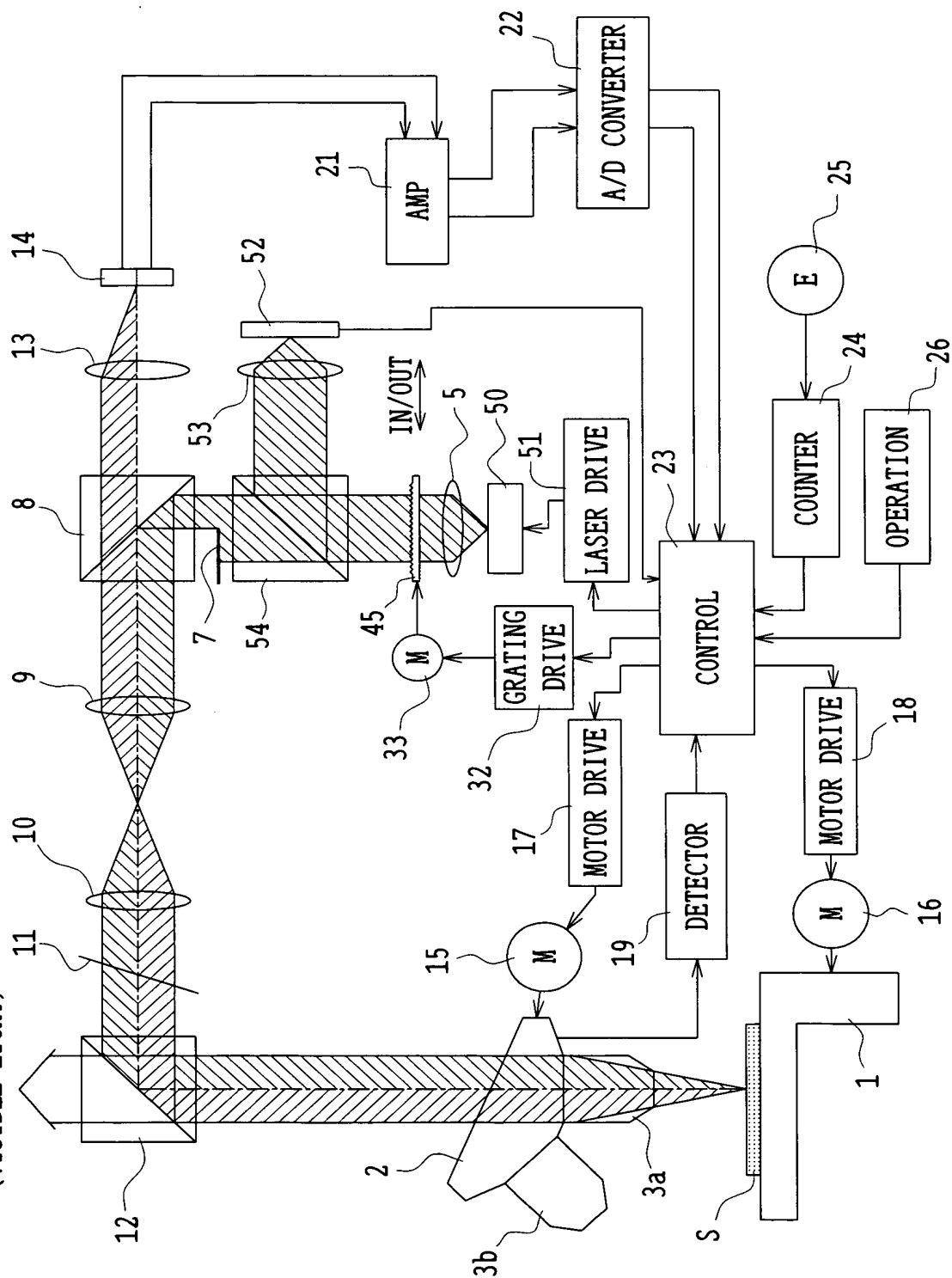




25/49

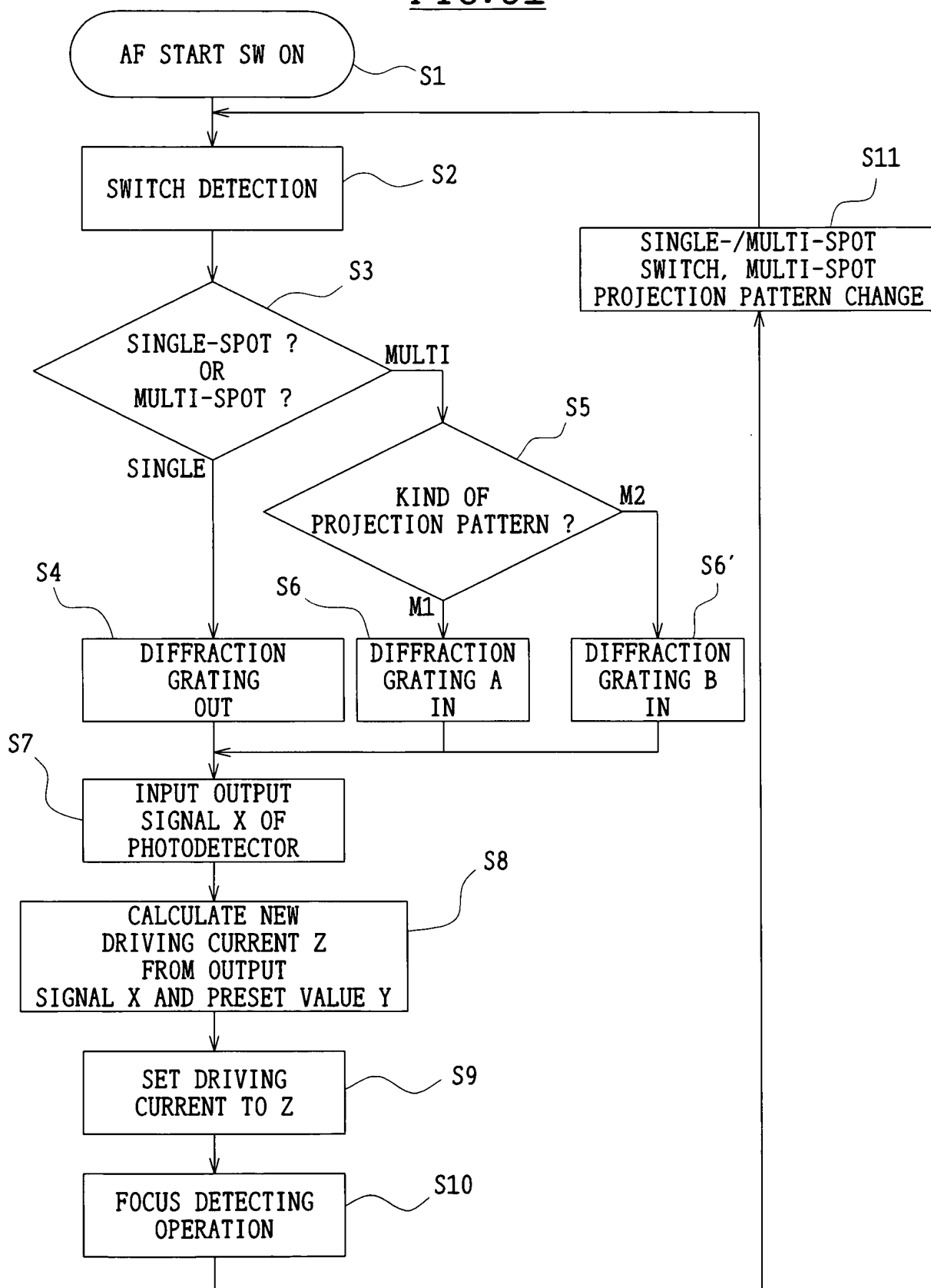
FIG. 30

OBSERVATION/ILLUMINATION LIGHT  
 (VISIBLE LIGHT)





26/49  
**FIG. 31**





27/49

FIG. 32A

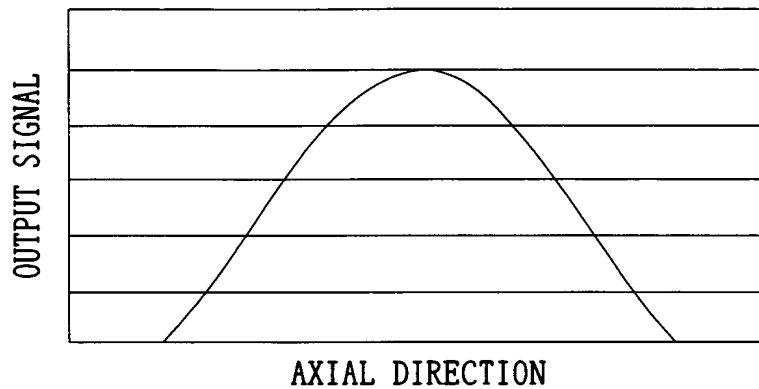


FIG. 32B

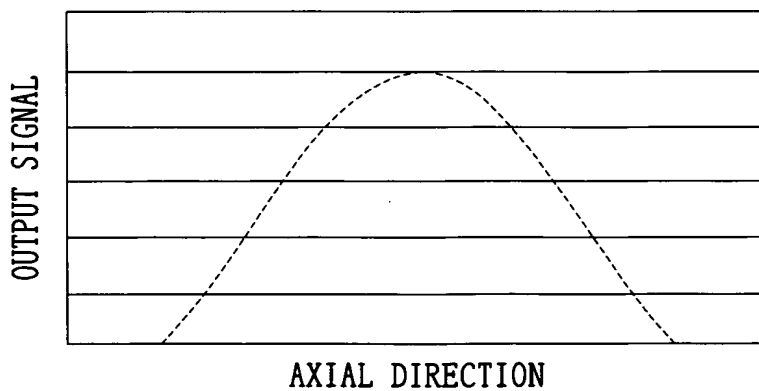




FIG. 33A

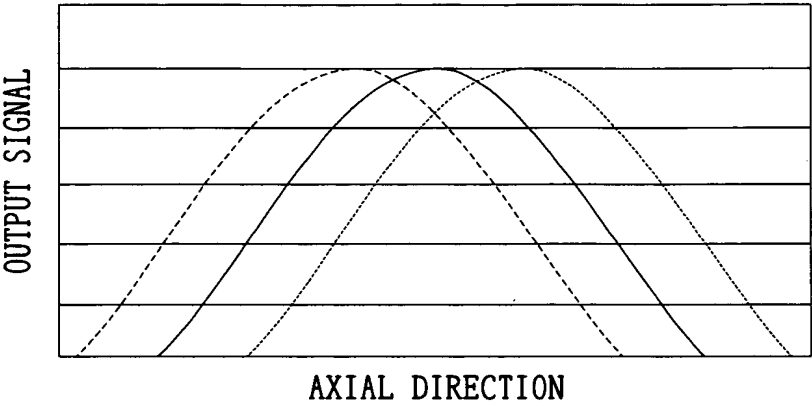
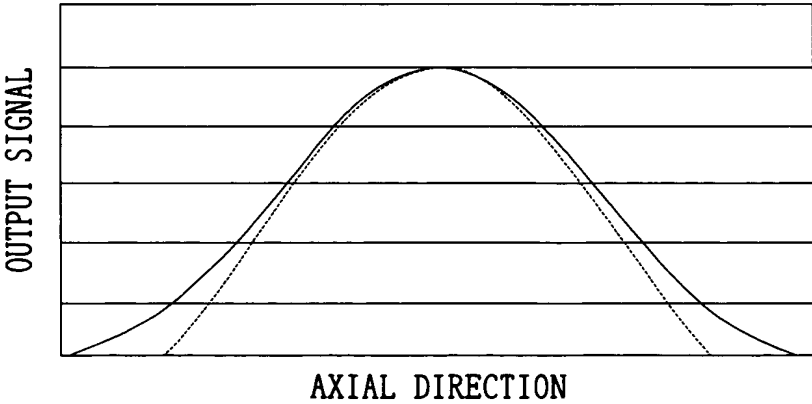
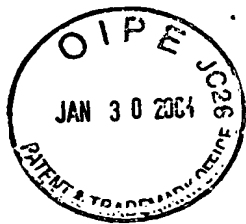


FIG. 33B





29/49

FIG. 34

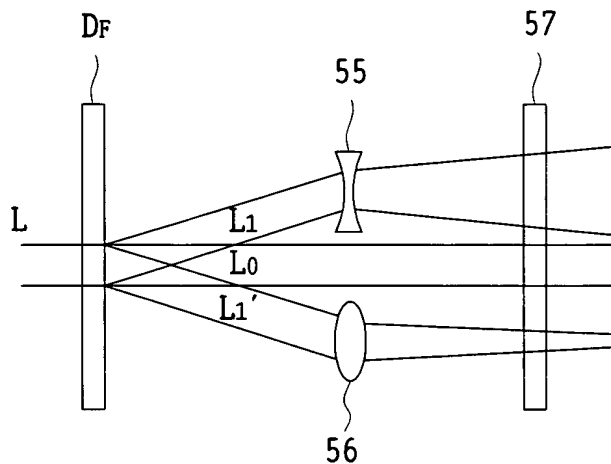


FIG. 35A

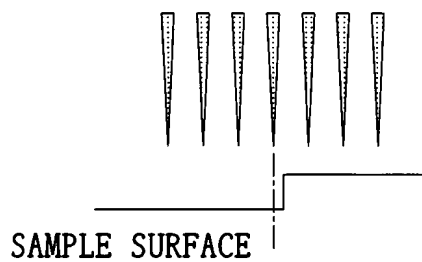
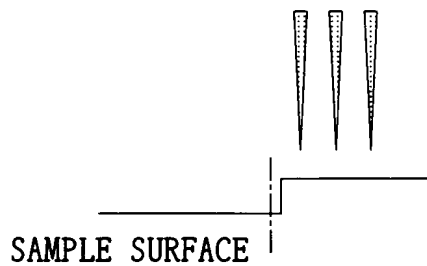


FIG. 35B





30/49

FIG. 36A

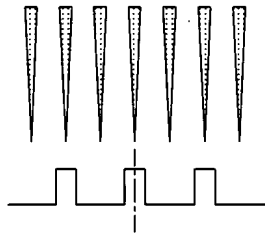


FIG. 36B

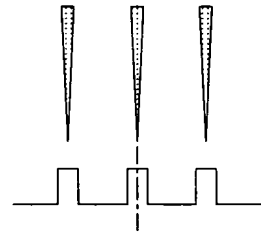


FIG. 37A

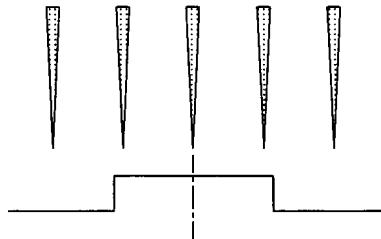
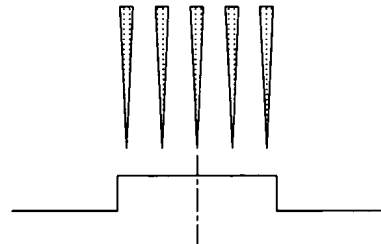


FIG. 37B



31/49

FIG. 38A

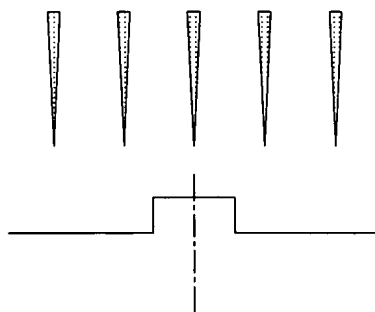
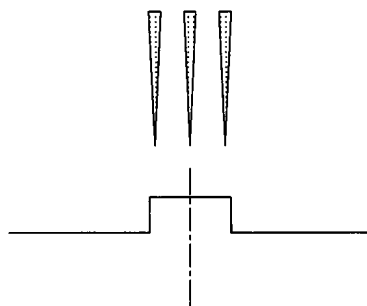


FIG. 38B



32/49

FIG. 39A

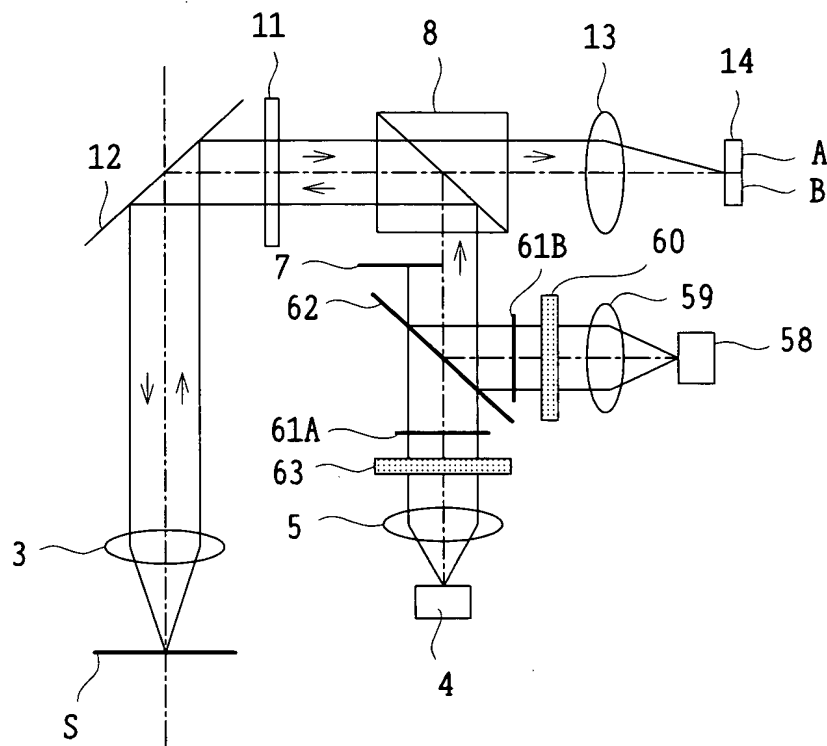


FIG. 39B

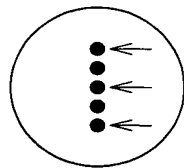
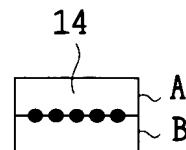


FIG. 39C





33/49

FIG. 40A

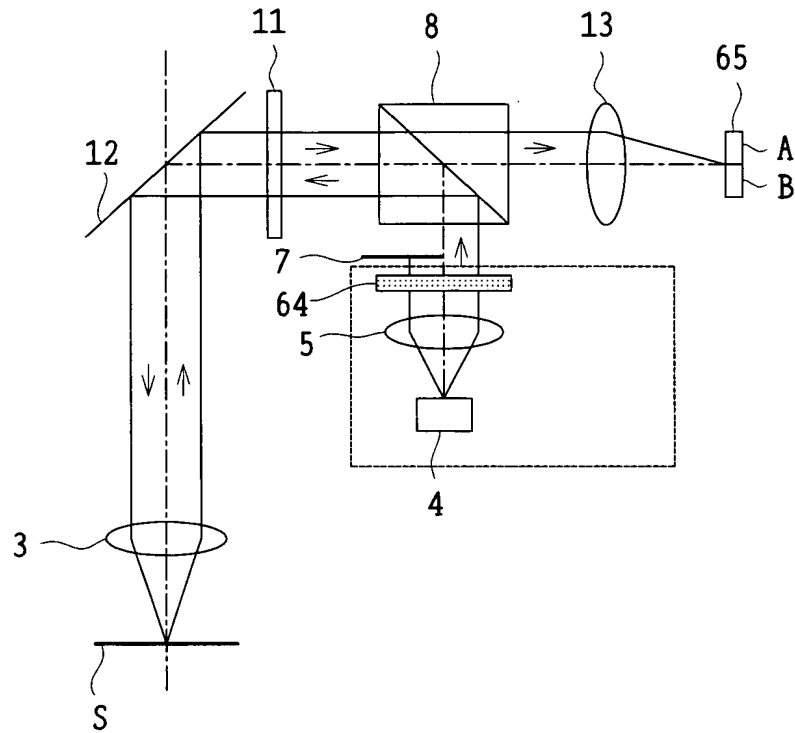


FIG. 40B

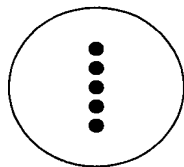
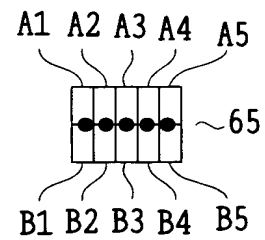


FIG. 40C



34/49

FIG. 41A

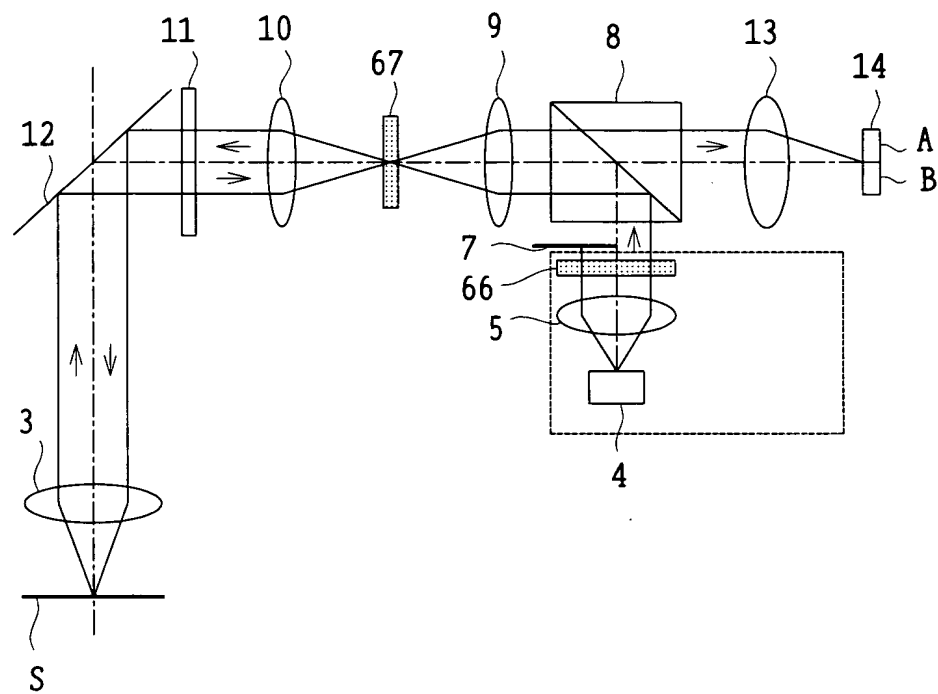


FIG. 41B

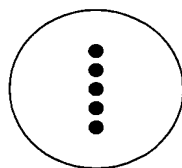
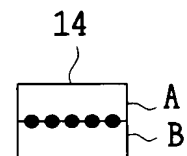


FIG. 41C



35/49

FIG. 42

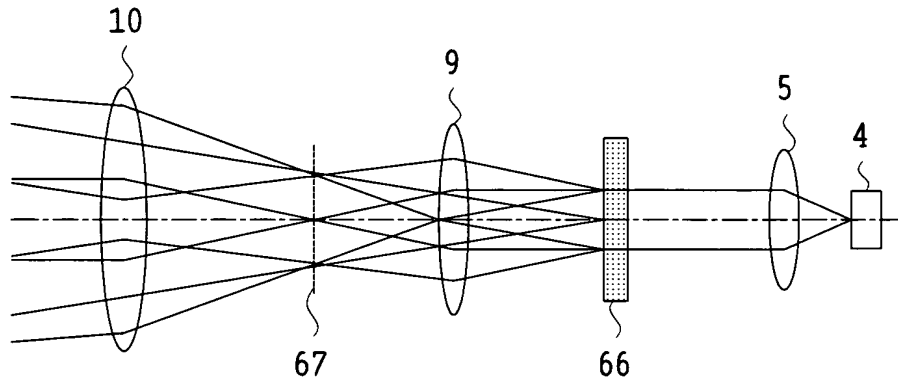


FIG. 43

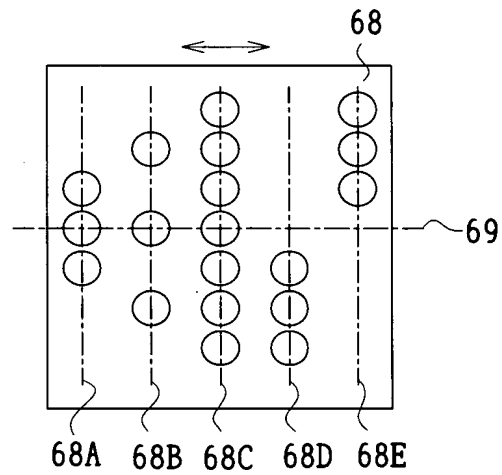
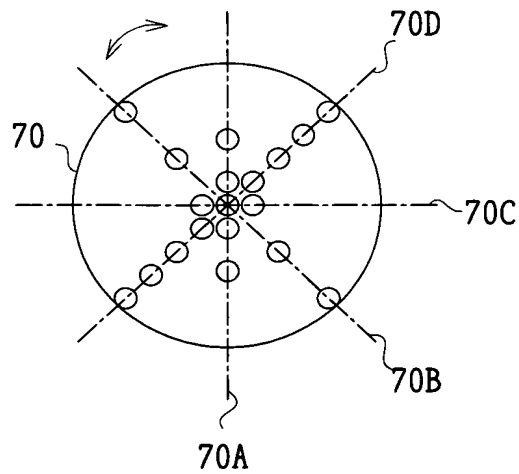
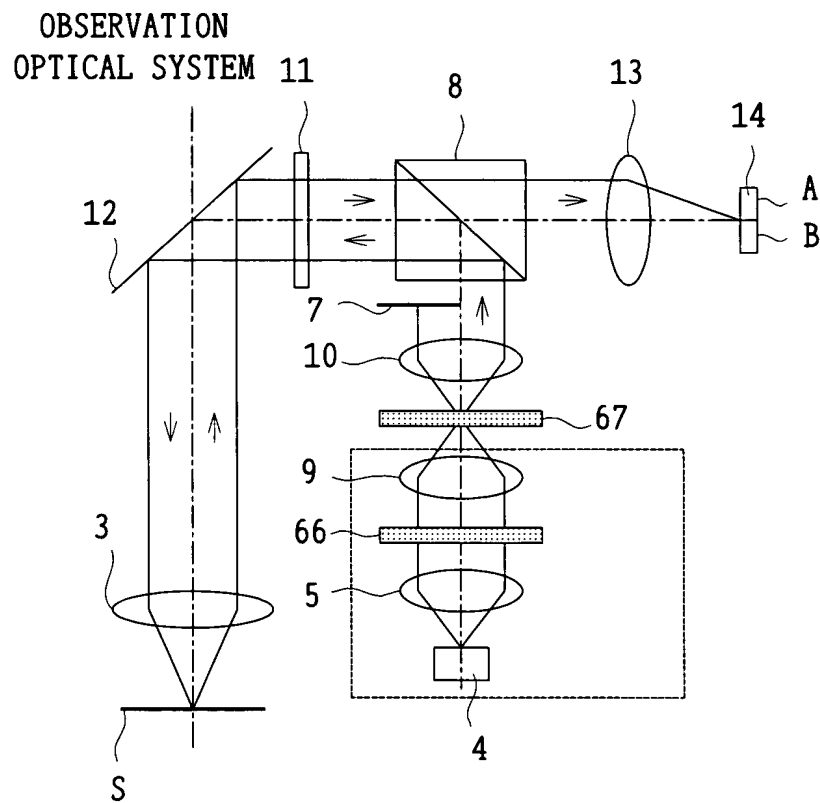


FIG. 44



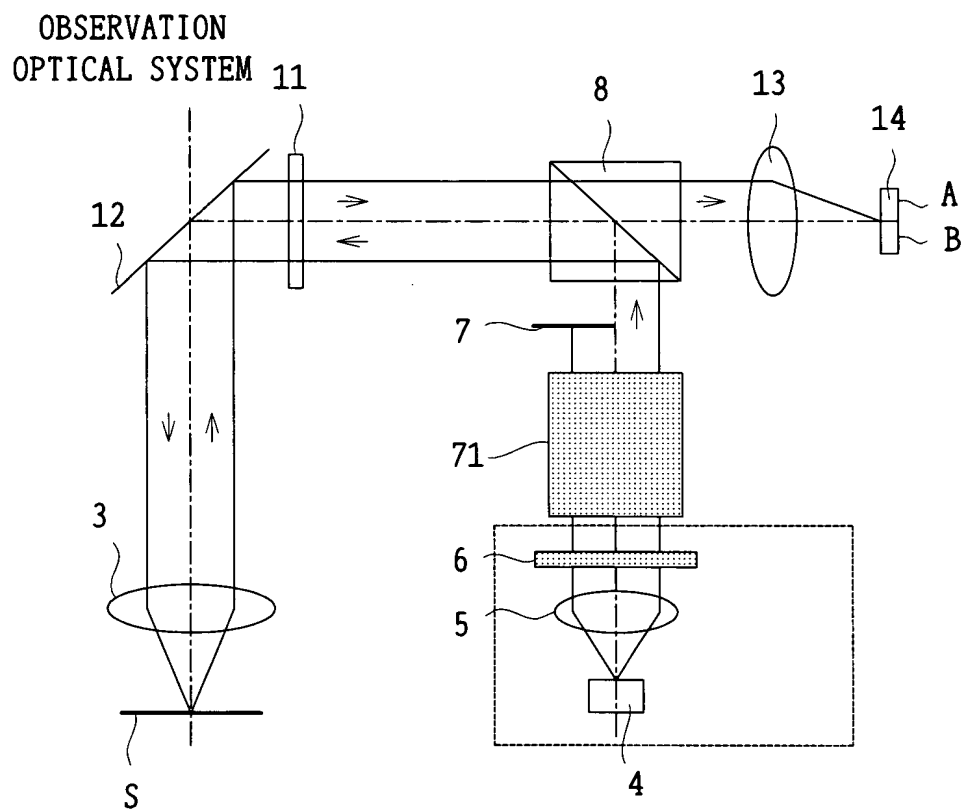
36/49

FIG. 45



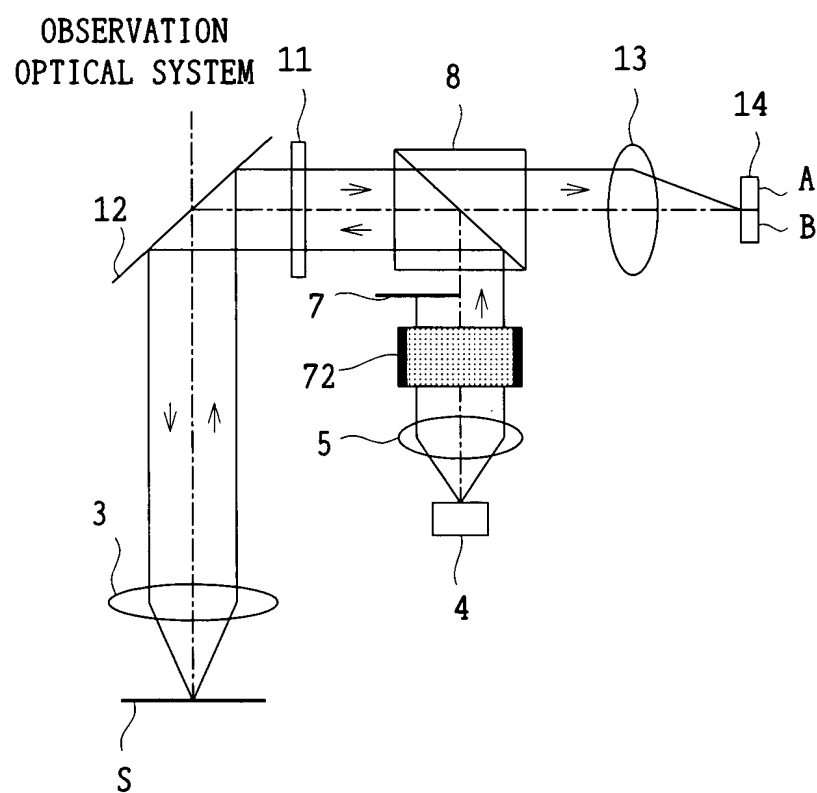
37/49

FIG.46



38/49

FIG. 47



39/49

FIG. 48

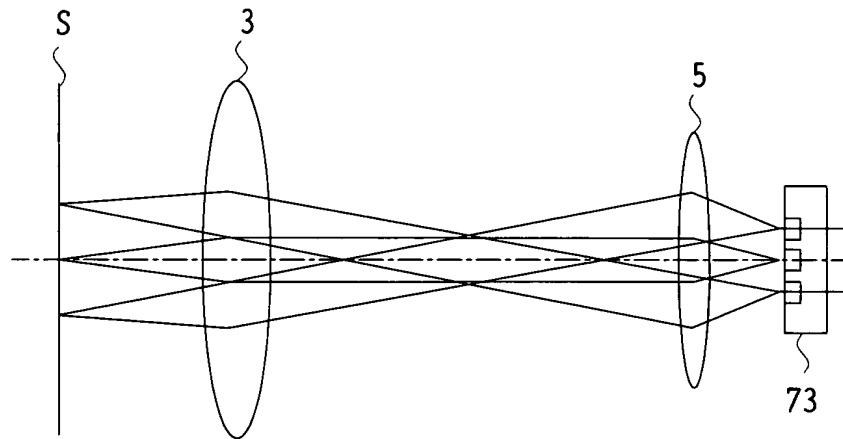


FIG. 49

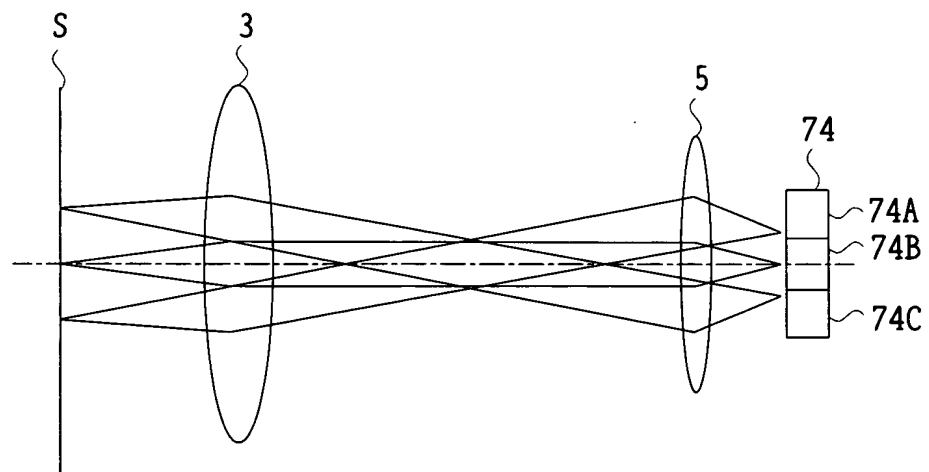
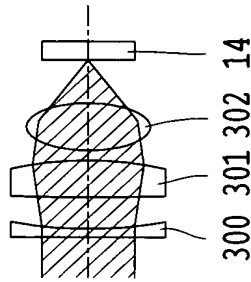


FIG. 50B



**FIG. 50C**

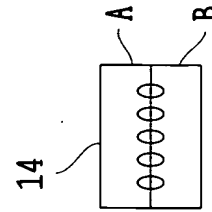
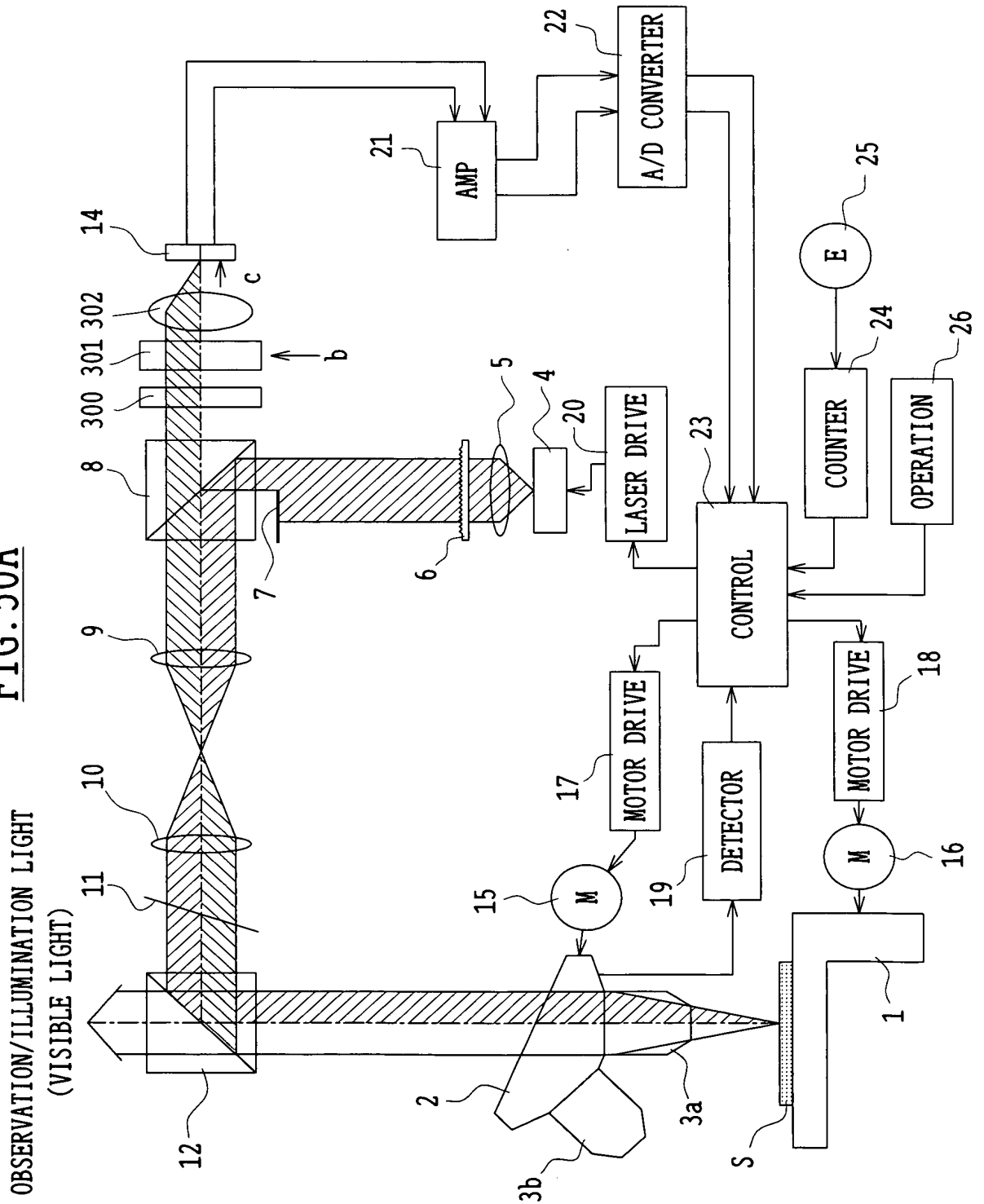


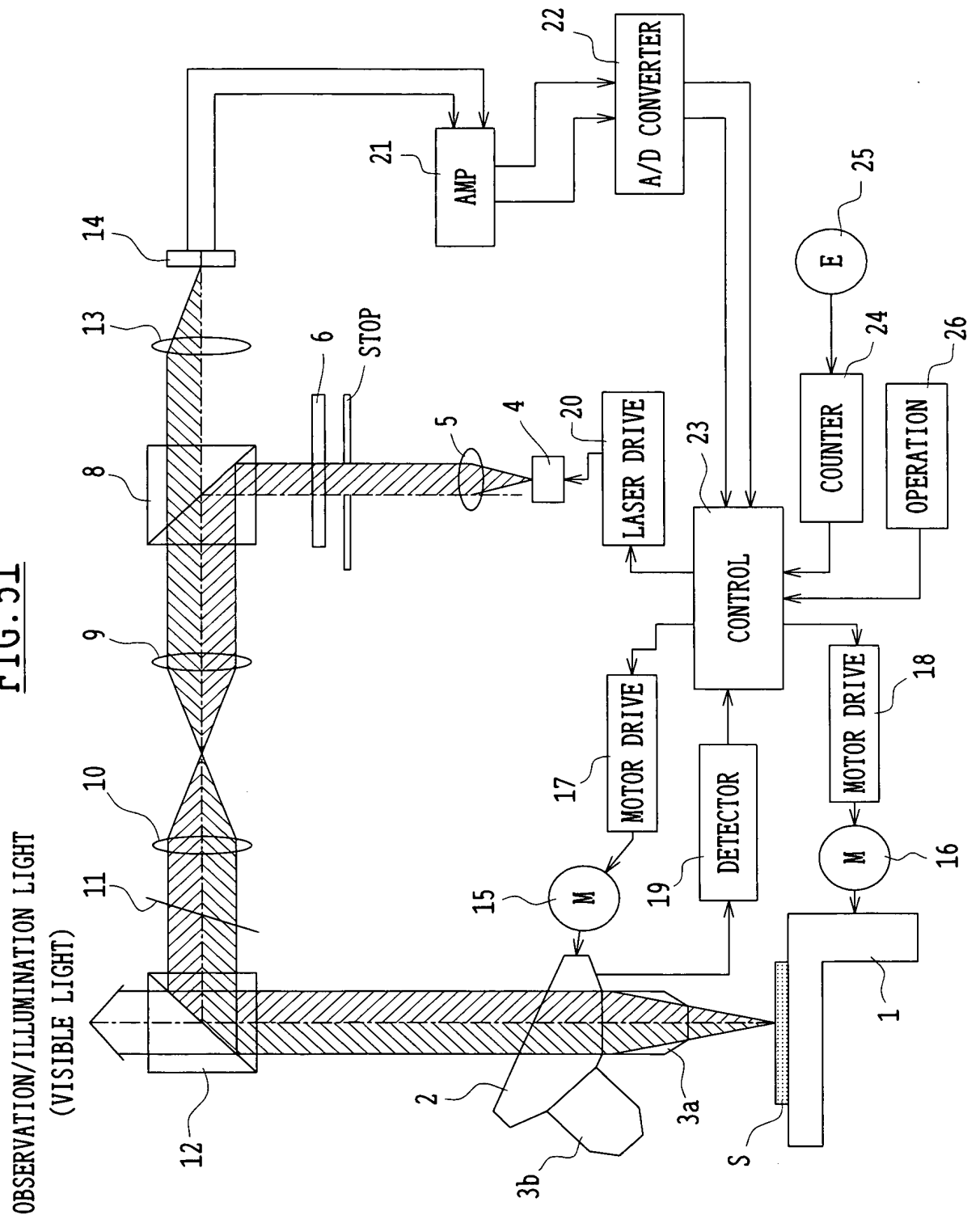
FIG. 50A





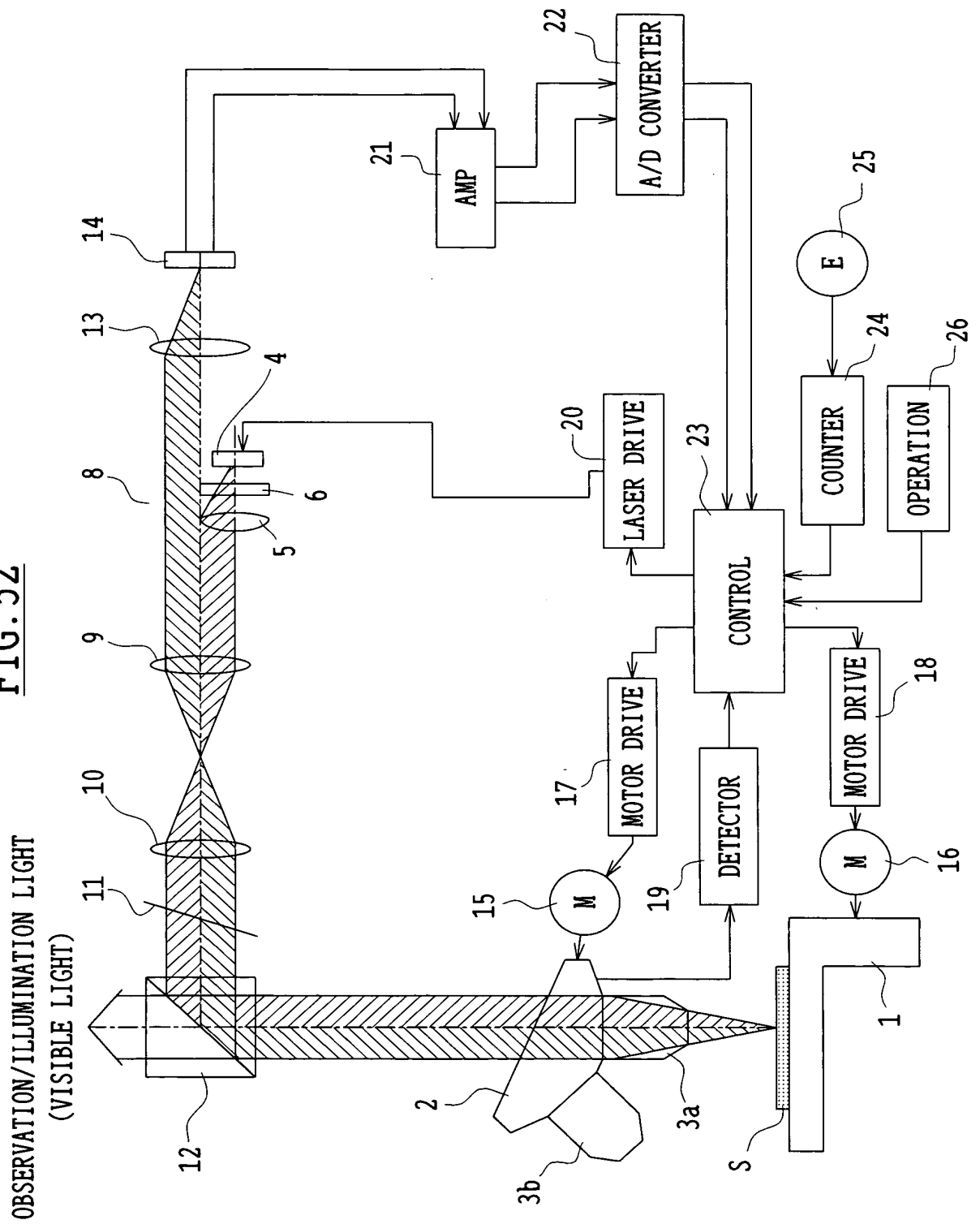
41/49

FIG. 51



42/49

FIG. 52



43/49

FIG. 53

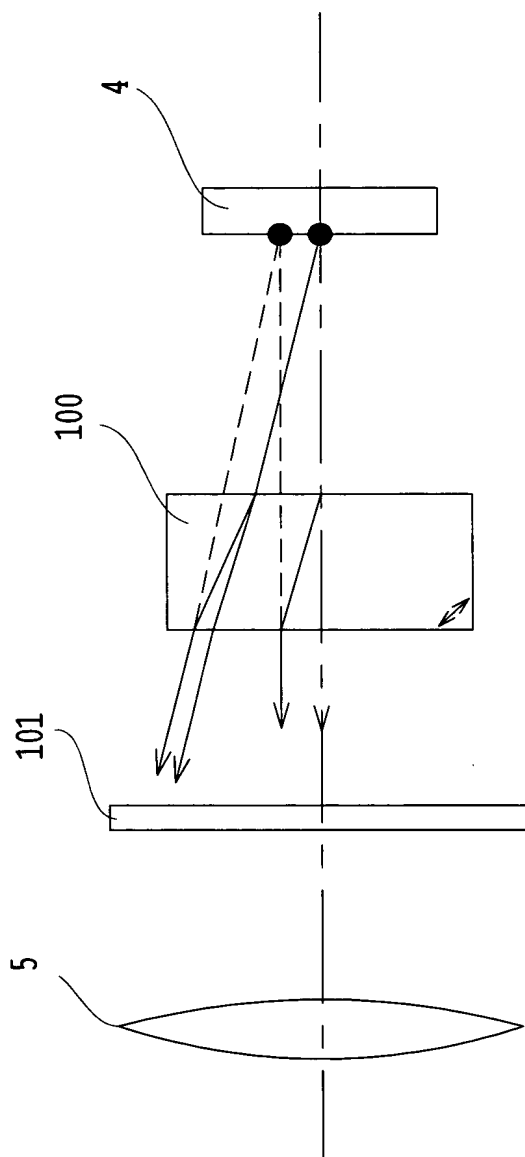
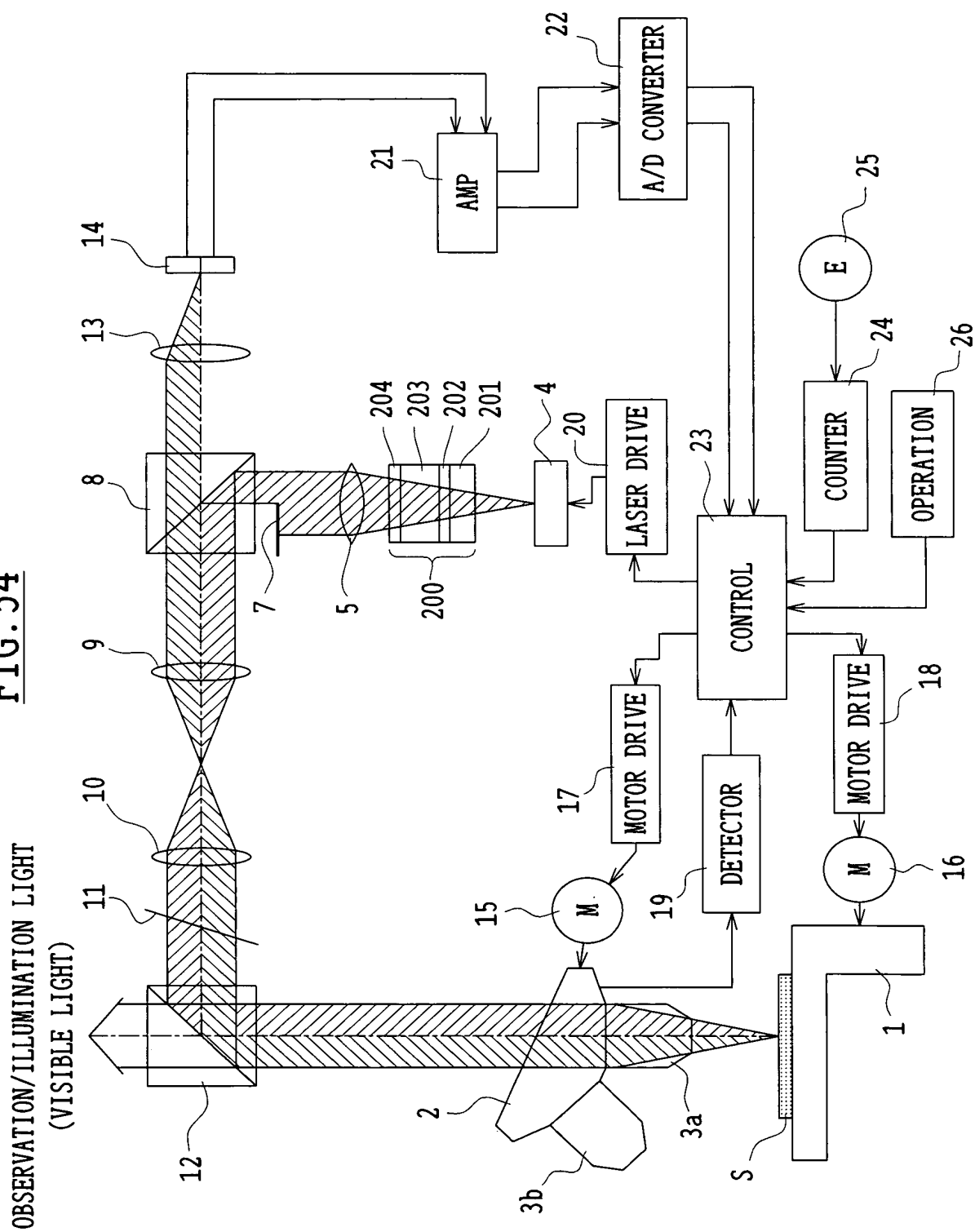
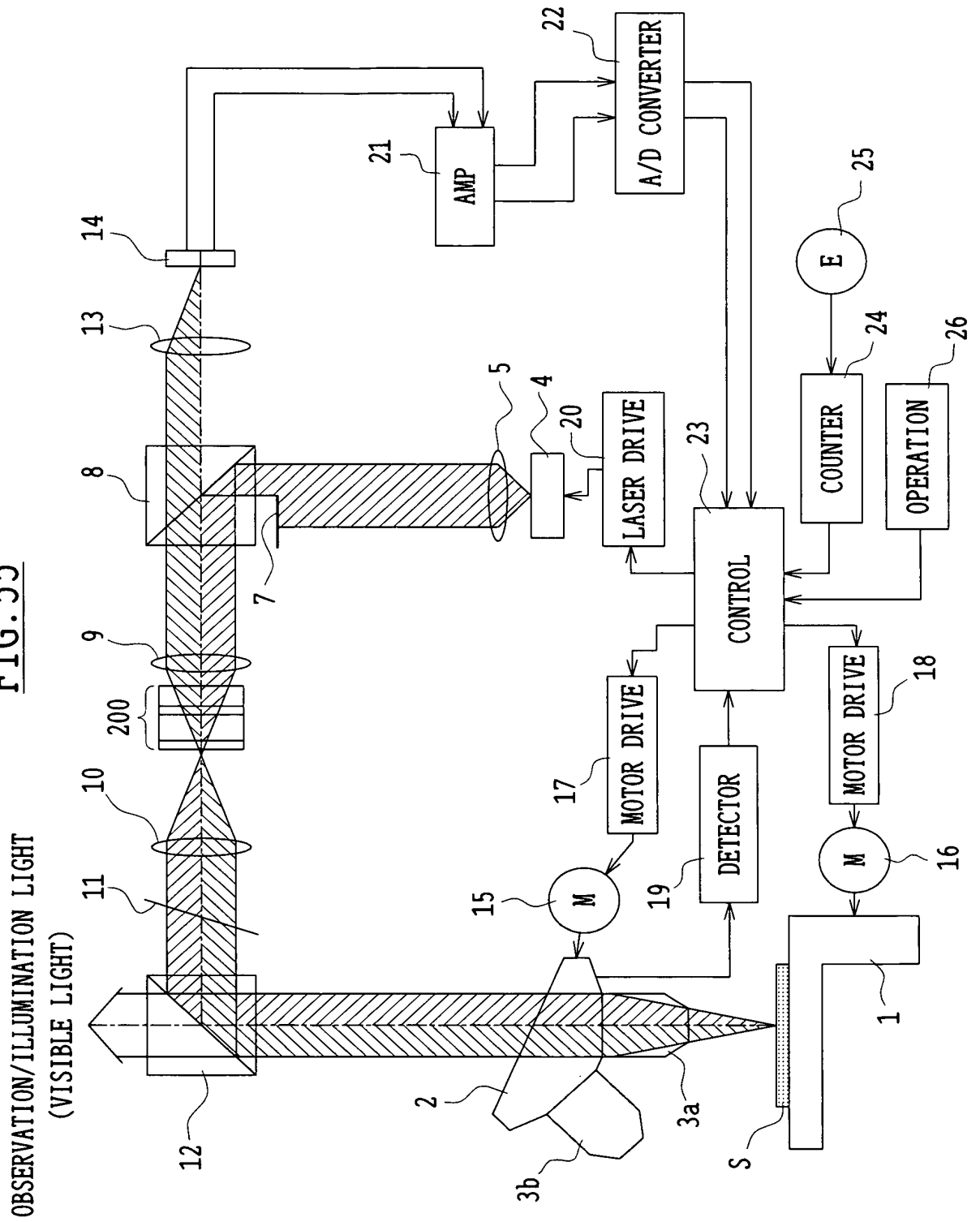


FIG. 54



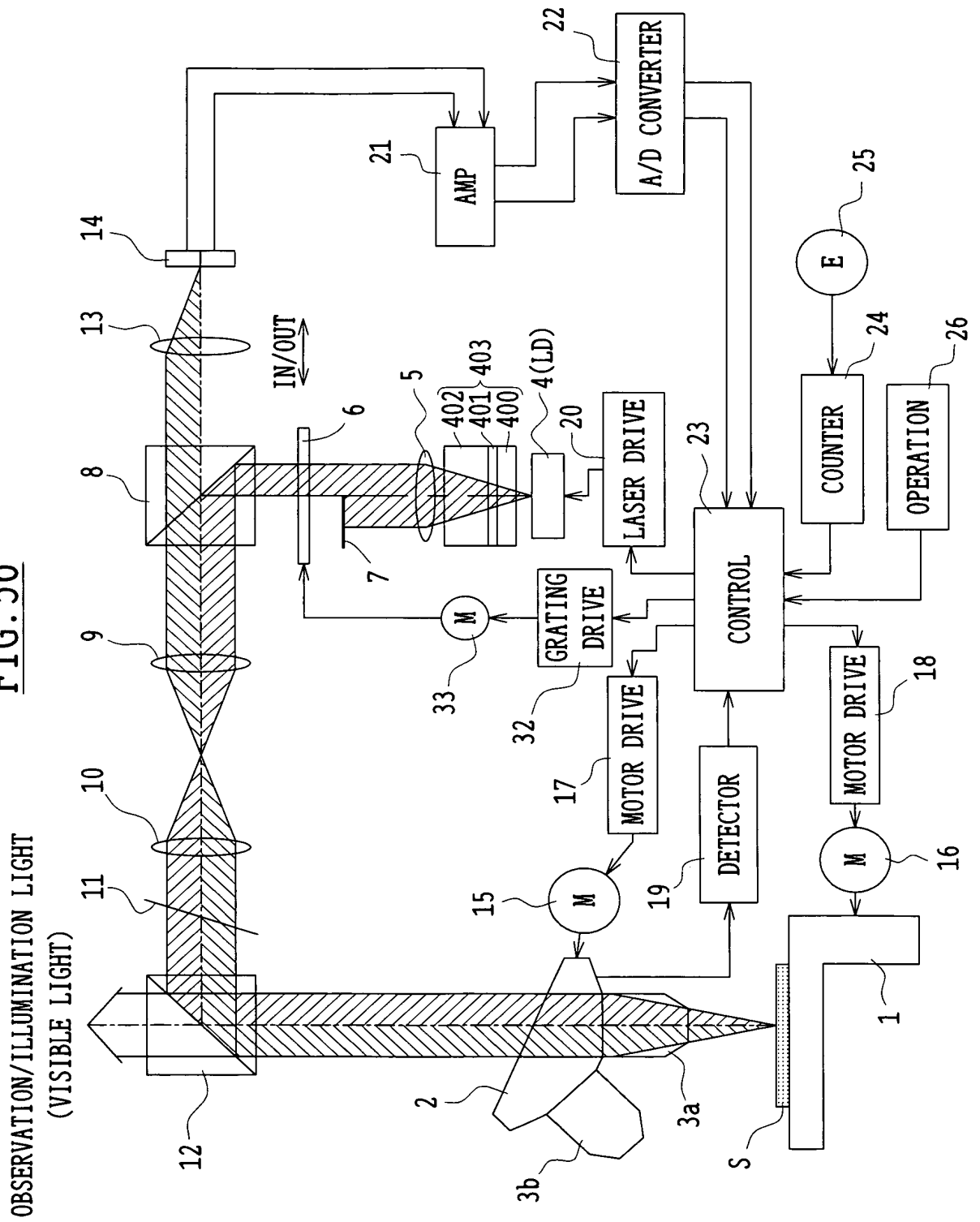
45/49

FIG. 55



46/49

FIG. 56



47/49

FIG. 57A

OBSERVATION/ILLUMINATION LIGHT  
 (VISIBLE LIGHT)

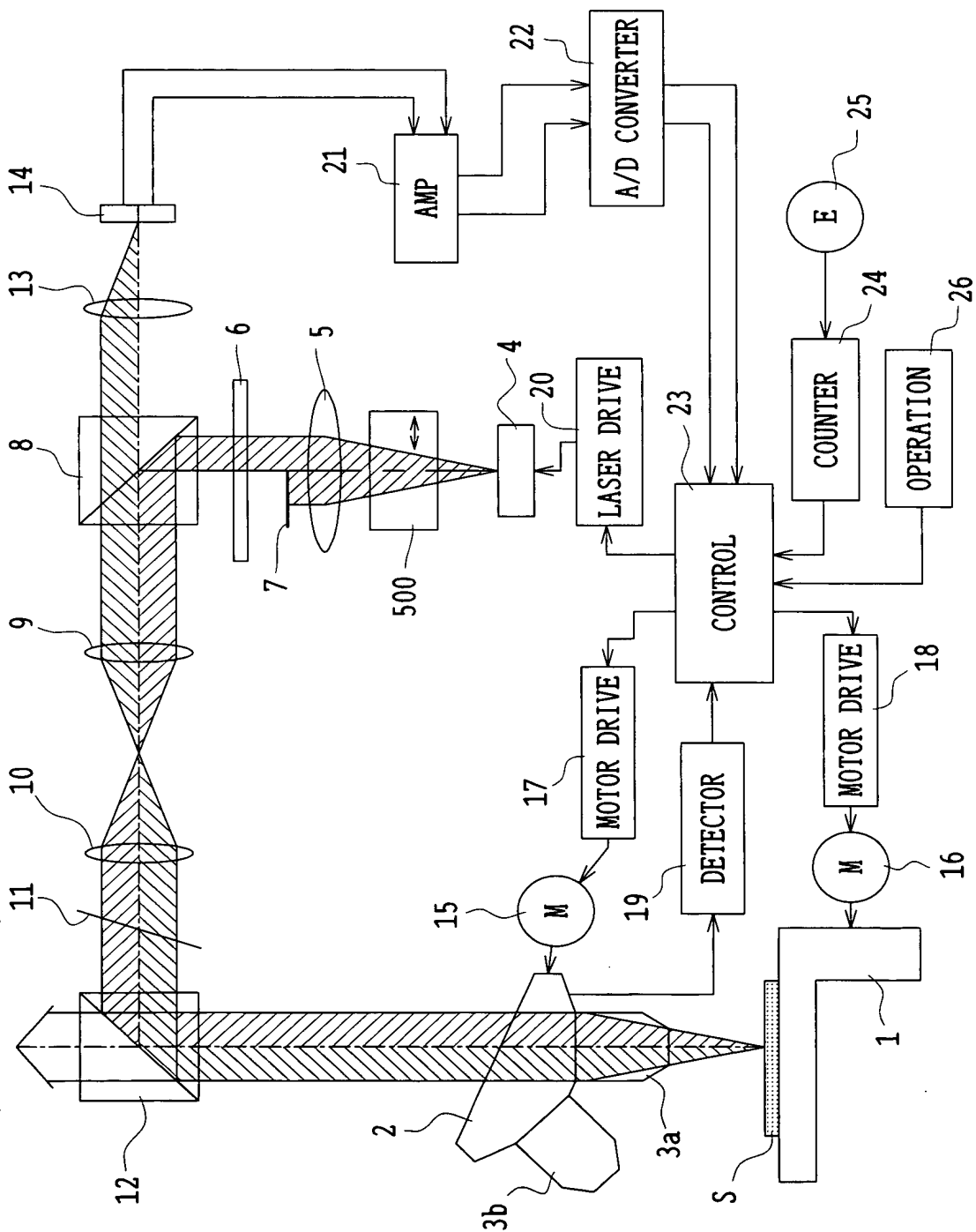


FIG. 57B

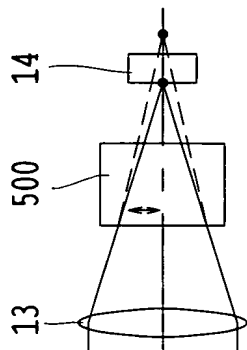
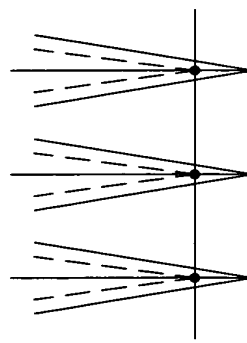
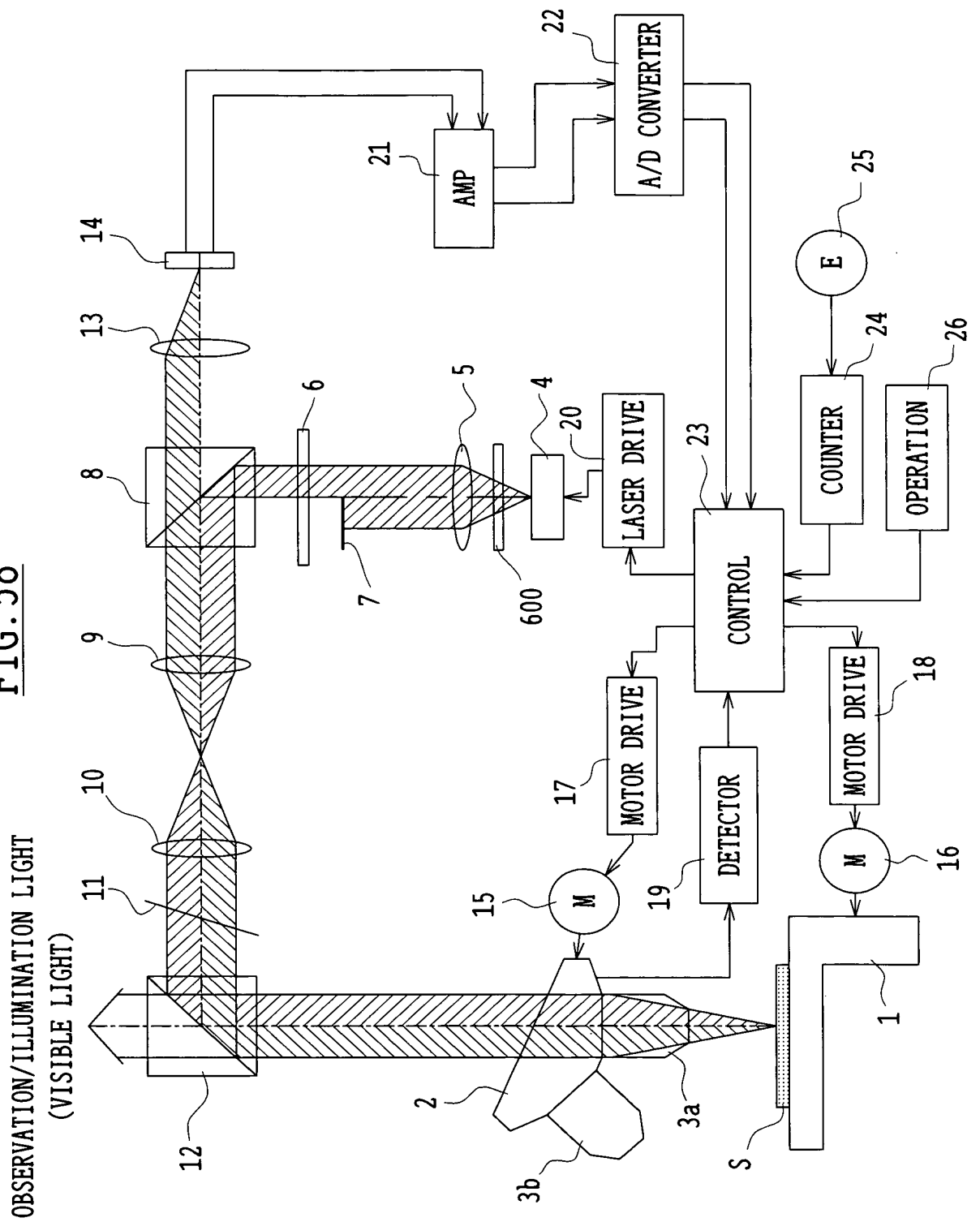


FIG. 57C



48/49

FIG. 58





49/49

FIG. 59A

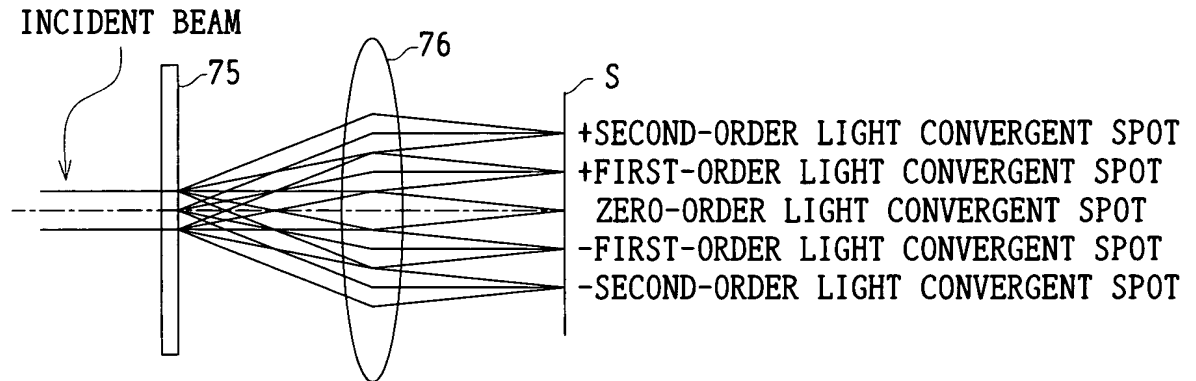


FIG. 59B

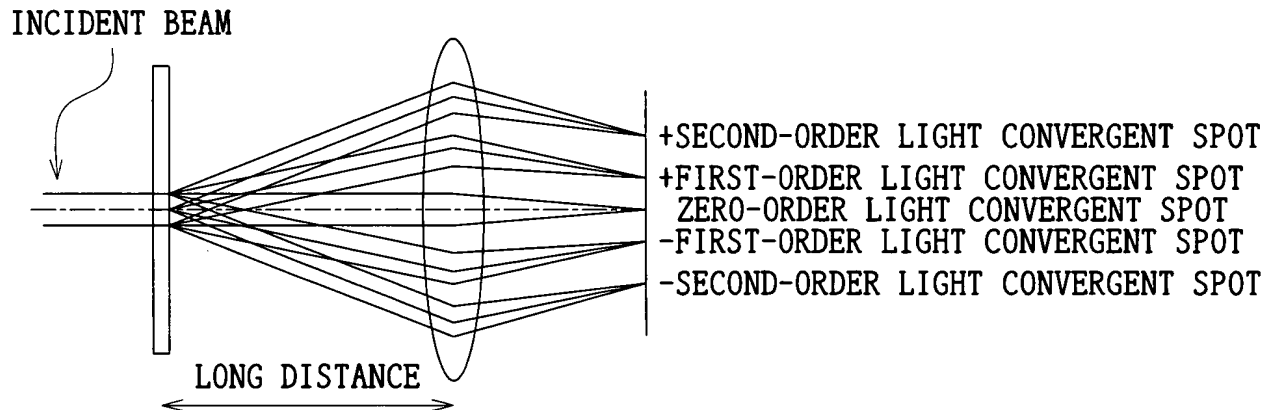


FIG. 59C

